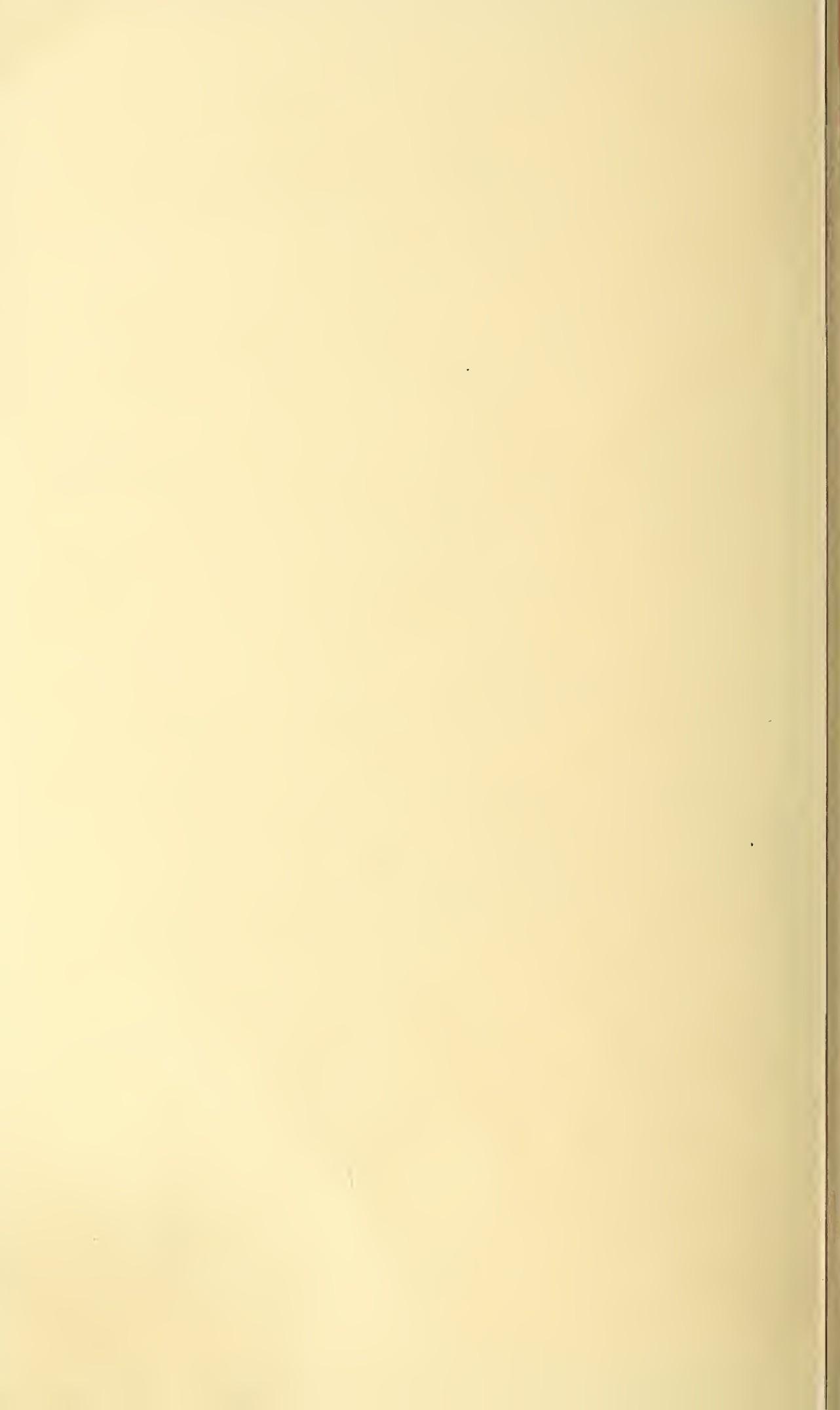


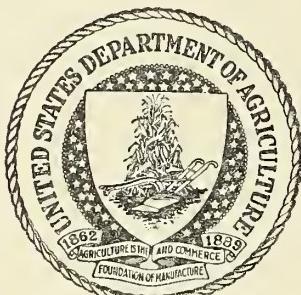
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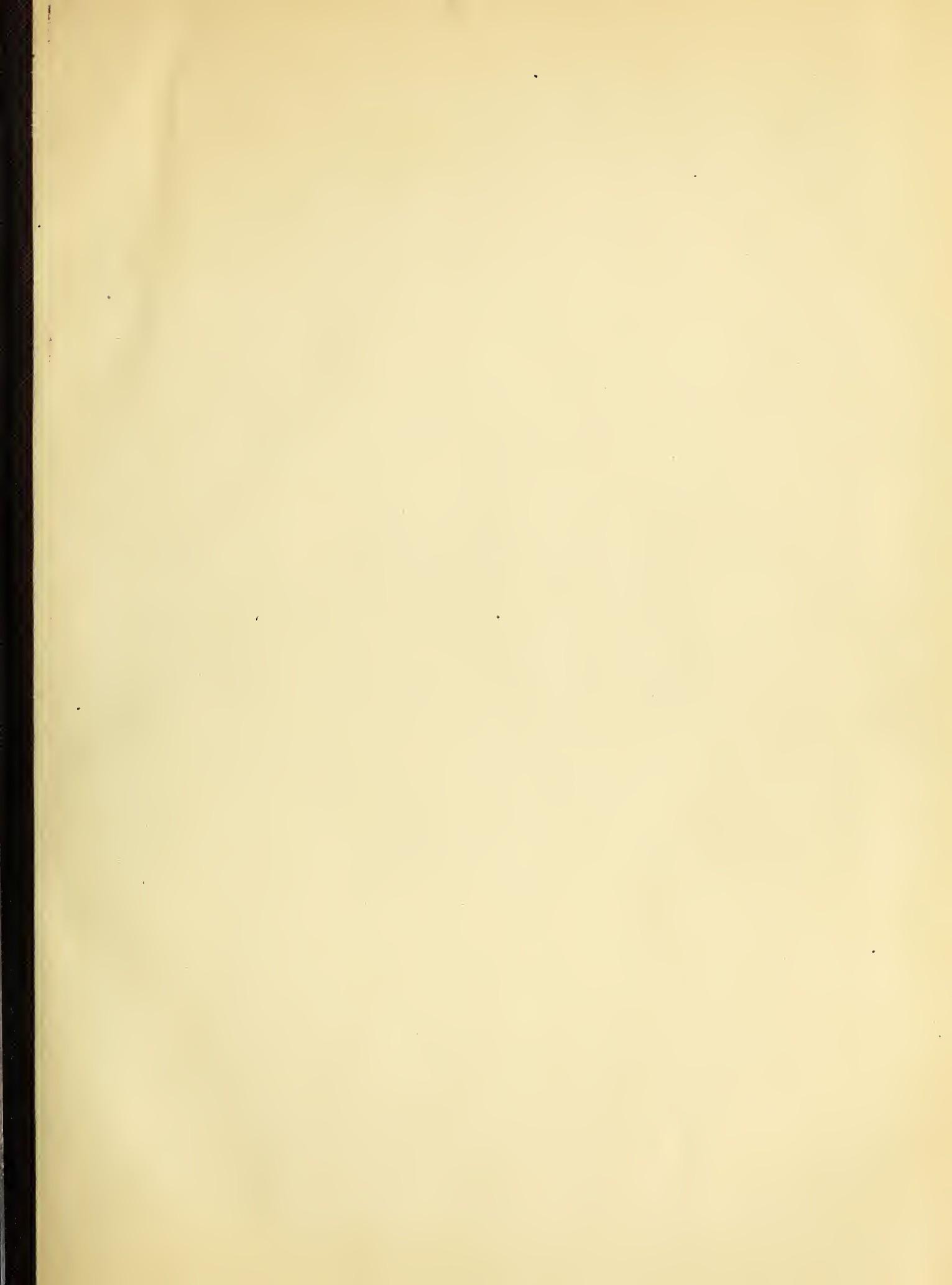
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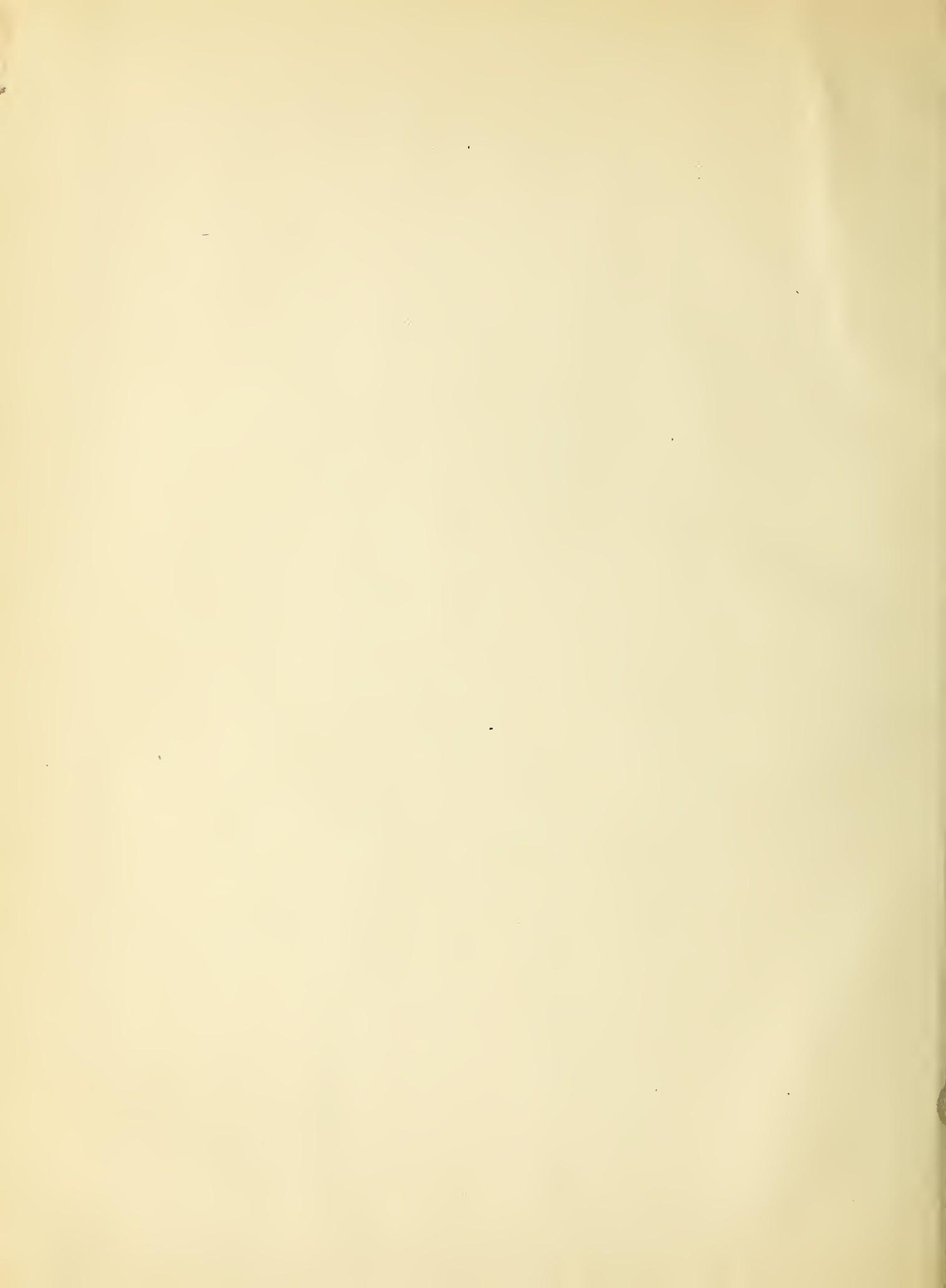


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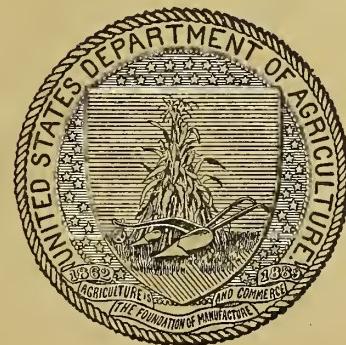
ESTIMATES OF APPROPRIATIONS FOR THE DEPARTMENT OF AGRICULTURE

REQUIRED FOR THE SERVICE OF THE
FISCAL YEAR ENDING JUNE 30

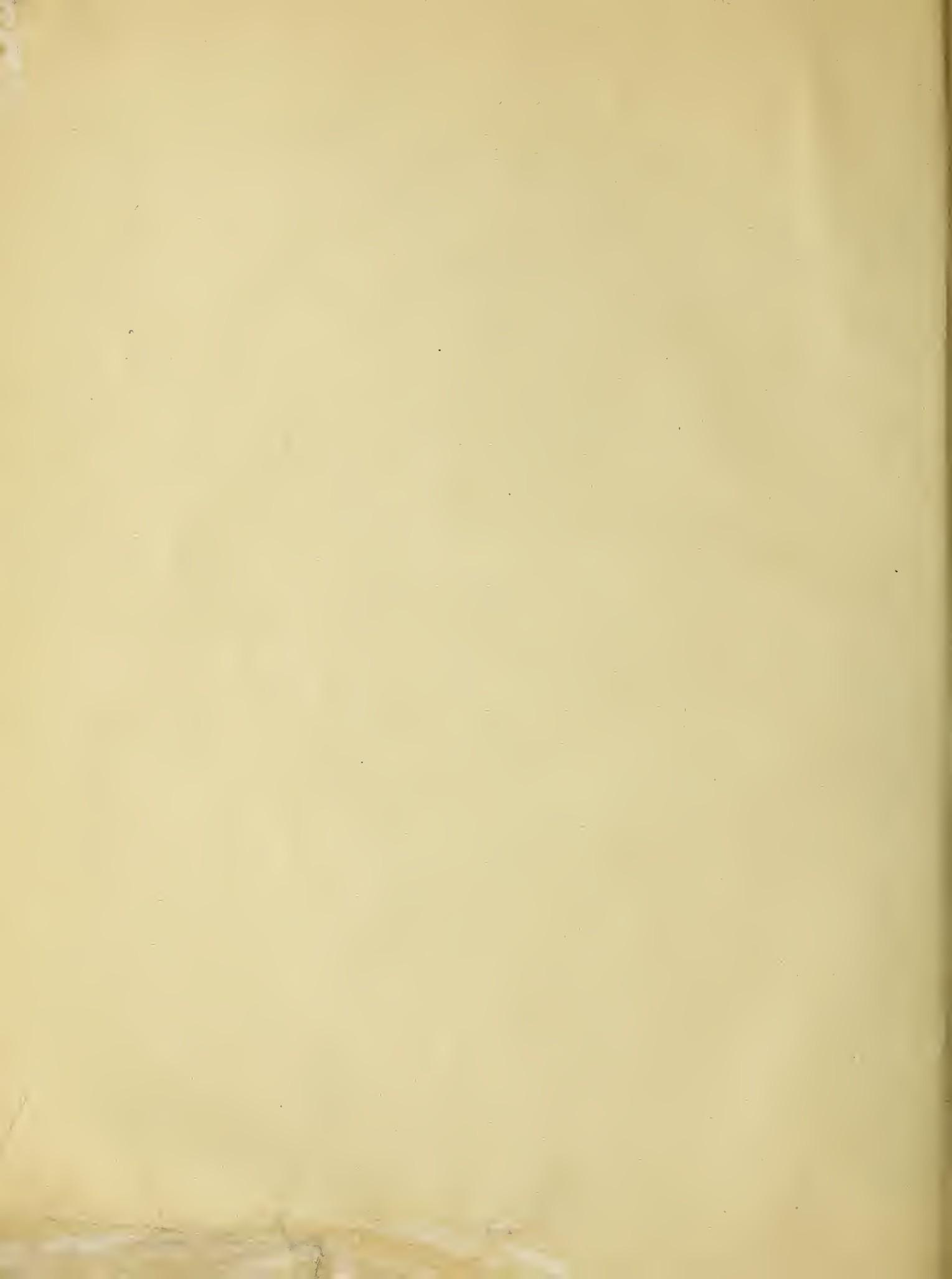
1923



(REPRINTED FROM THE ALTERNATIVE BUDGET, 1923)



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1921

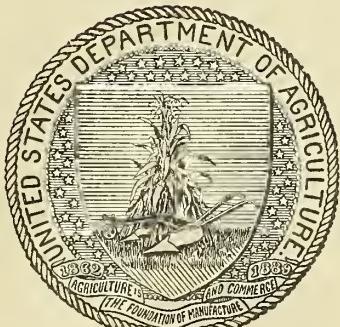


ESTIMATES OF APPROPRIATIONS
FOR THE
DEPARTMENT OF AGRICULTURE

REQUIRED FOR THE SERVICE OF THE
FISCAL YEAR ENDING JUNE 30

1923

(REPRINTED FROM THE ALTERNATIVE BUDGET, 1923)



U.S. GOV'T.
1923



ESTIMATES OF APPROPRIATIONS REQUIRED FOR THE SERVICE OF THE FISCAL YEAR ENDING JUNE 30, 1923.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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CHAPTER IX.—DEPARTMENT OF AGRICULTURE.

NOTE.—In the following estimates for the Department of Agriculture new matter appearing in miscellaneous appropriations has been indicated by means of *italics*, and all matter to be dropped has been inclosed in brackets, thus [].

OFFICE OF THE SECRETARY.

Budget, page 185.

Salaries, Office of the Secretary of Agriculture—

Secretary of Agriculture (*R. S.*, p. 87, secs. 520–523; *acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 835, sec. 3; Feb. 26, 1907, vol. 34, p. 1256, sec. 4; Mar. 3, 1921, vol. 41, p. 1315, sec. 1*).....

\$12,000.00
7,500.00

Assistant Secretary (increase of \$2,500) (*same acts*).....

STATEMENT OF SECRETARY OF AGRICULTURE COVERING ALL STATUTORY SALARY INCREASES IN THESE ESTIMATES.

The salaries of the Assistant Secretary and the chiefs of six of the important scientific bureaus of the department are recommended increased to \$7,500, namely, Bureau of Animal Industry, Bureau of Plant Industry, Forest Service, Bureau of Chemistry, Bureau of Public Roads, and Bureau of Agricultural Economics. The salaries of the chief of the Bureau of Biological Survey and the librarian of the department have been recommended to be increased to \$5,000 and \$3,000, respectively. The salaries of the positions of director of scientific work and director of regulatory work, established by act of Congress approved Mar. 3, 1921, are also recommended increased to \$7,500.

The Assistant Secretary and chiefs of bureaus and divisions in the Department of Agriculture are greatly underpaid. There has been no change in the salaries of those responsible officers in recent years, notwithstanding the very great economic changes which have taken place.

The salaries at present paid to chiefs of bureaus and divisions in the Department of Agriculture are considerably less than those paid to officers of similar rank in other agricultural institutions whose responsibilities are not nearly so great. Most of the deans and directors in the important agricultural colleges and experiment stations are now receiving from \$6,000 to \$10,000 per annum, their salaries having been considerably advanced last year. In contrast to this, only one chief of bureau in the Department of Agriculture receives as much as \$6,000 per annum, while the average is only \$4,680. The minimum professional salary at Harvard is now \$6,000 and the maximum is \$8,000, and practically all our institutions of higher learning are paying heads of departments \$6,000 or more.

In comparing the relative salaries of men in the Department of Agriculture and in the colleges and universities it must be borne in mind that university professors are paid on the basis of 9 months' service. If they teach in summer schools or do other work during the vacation period, they are paid extra for it. Furthermore, many of them have every seventh year with full or half salary for advanced study and research, and others are working under retirement provisions which are much more favorable than those of the Department of Agriculture.

If the Department of Agriculture is to continue to render the most effective service, if it is to continue to justify the responsibilities placed upon it by Congress and the Nation, it must be in a position to pay adequate compensation to its officers and employees, and this is particularly true of the men who are responsible for directing the work of the various bureaus and divisions. It is earnestly hoped, therefore, that the recommended increases will be approved.

Increases are also recommended in the salaries of some of the less responsible administrative and clerical positions throughout the department, as shown in the note immediately following the statutory rolls of the several bureaus and offices concerned. They are for small amounts in each case, are fully merited, and have been submitted only after the most mature consideration. Unless immediate recognition is given the clerical force of the department it will be impossible to retain the trained employees upon whom the administrative officers must necessarily depend to a large extent for the proper conduct of the work authorized and required by law.

New places are requested in several instances and are absolutely necessary to meet the normal increase in the work of the bureaus involved. In other cases recommendations are made to substitute appropriate titles and proper salaries for employees who are performing responsible and exacting administrative and clerical duties for a number of low-salaried places. All other increases are due to the transfer of executive officers and clerks from lump funds to statutory rolls of the various bureaus. In each case the rolls have been reduced by the amount of the salaries involved.

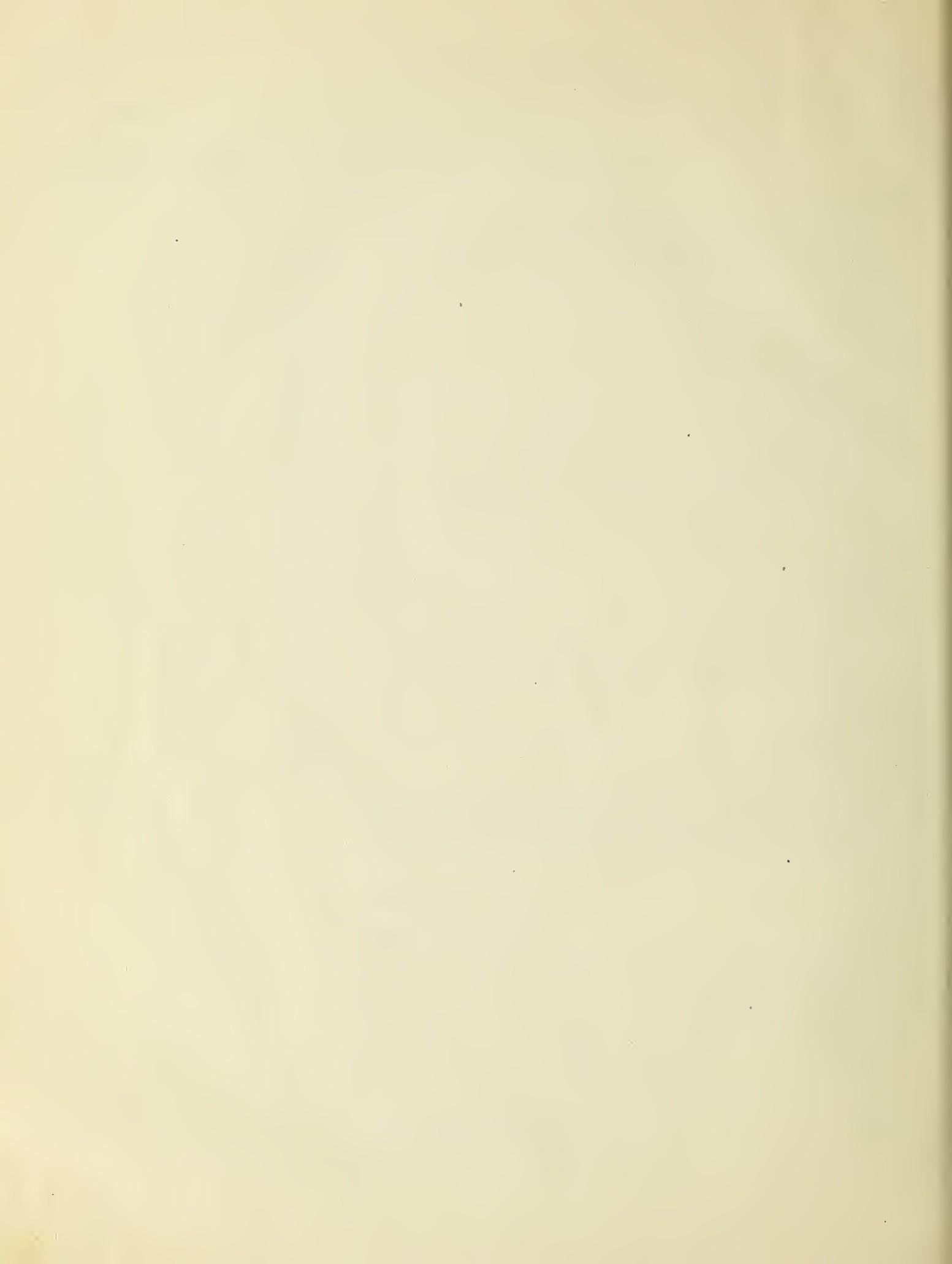
Director of scientific work (increase of \$2,500) (<i>same acts</i>).....	7,500.00
Director of regulatory work (increase of \$2,500) (<i>same acts</i>).....	7,500.00
Solicitor (<i>same acts</i>).....	5,000.00
Chief clerk, \$3,000, and \$500 additional as custodian of buildings (<i>same acts</i>).....	3,500.00
Private secretary to the Secretary (<i>same acts</i>).....	2,500.00
Executive clerks:	
One (increase of \$400) (<i>same acts</i>).....	2,500.00
Three at \$2,250 each (increase of 2) (<i>same acts</i>).....	6,750.00
Stenographer and executive clerk to Secretary (<i>same acts</i>).....	2,250.00
Private secretary to Assistant Secretary (<i>same acts</i>).....	2,250.00
Appointment clerk (<i>same acts</i>).....	2,000.00
Officer in charge of supplies (<i>same acts</i>).....	2,000.00
Inspectors:	
One (increase of \$500) (<i>same acts</i>).....	3,500.00
One (<i>same acts</i>).....	2,250.00
Attorneys:	
One (<i>same acts</i>).....	3,500.00
Two, at \$3,250 each (<i>same acts</i>).....	6,500.00
Law clerks:	
Four, at \$3,000 each (<i>same acts</i>).....	12,000.00
Two, at \$2,750 each (<i>same acts</i>).....	5,500.00
Four, at \$2,500 each (<i>same acts</i>).....	10,000.00
Eight, at \$2,250 each (<i>same acts</i>).....	18,000.00
One (<i>same acts</i>).....	2,200.00
Five, at \$2,000 each (<i>same acts</i>).....	10,000.00
[Two, at \$1,800 each.]	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
Budget, page 186.		
<i>Salaries, Office of the Secretary of Agriculture—Continued.</i>		
Superintendent of telegraph and telephones (increase of \$500) (<i>R. S., p. 87, secs. 520-523; acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 835, sec. 3; Feb. 26, 1907, vol. 34, p. 1256, sec. 4; Mar. 3, 1921, vol. 41, p. 1315, sec. 1</i>).....	\$2,500.00	
Telegraph and telephone operator (<i>same acts</i>).....	1,600.00	
Assistant chief clerk and captain of the watch (increase of \$200) (<i>same acts</i>).....	2,000.00	
<i>Clerks:</i>		
One (<i>same acts</i>).....	2,000.00	
Five of class 4 (<i>same acts</i>).....	9,000.00	
Thirteen of class 3 (<i>same acts</i>).....	20,800.00	
One (<i>same acts</i>).....	1,440.00	
Seventeen of class 2 (<i>same acts</i>).....	23,800.00	
Thirty-one of class 1 (<i>same acts</i>).....	37,200.00	
Two, at \$1,100 each (<i>same acts</i>).....	2,200.00	
One (<i>same acts</i>).....	1,020.00	
Four, at \$1,000 each (<i>same acts</i>).....	4,000.00	
Six, at \$900 each (<i>same acts</i>).....	5,400.00	
Accountant and bookkeeper (<i>same acts</i>).....	2,000.00	
<i>Messengers or laborers:</i>		
Sixteen, at \$840 each (<i>same acts</i>).....	13,440.00	
Eight, at \$720 each (<i>same acts</i>).....	5,760.00	
Six, at \$600 each (decrease of 2) (<i>same acts</i>).....	3,600.00	
<i>Lieutenants of the watch:</i>		
One (<i>same acts</i>).....	1,000.00	
Two, at \$960 each (<i>same acts</i>).....	1,920.00	
<i>Watchmen:</i>		
Thirty, at \$840 each (<i>same acts</i>).....	25,200.00	
Fifty-two, at \$720 each (<i>same acts</i>).....	37,440.00	
Foreman of stable (<i>same acts</i>).....	1,080.00	
<i>Skilled laborers:</i>		
Four, at \$1,000 each (<i>same acts</i>).....	4,000.00	
Three, at \$960 each (<i>same acts</i>).....	2,880.00	
<i>Messenger boys:</i>		
Two, at \$720 each (increase of 1 by transfer from statutory roll, Division of Publications) (<i>same acts</i>).....	1,440.00	
Seven, at \$600 each (<i>same acts</i>).....	4,200.00	
Nine, at \$480 each (decrease of 1 by transfer to statutory roll, Division of Publications) (<i>same acts</i>).....	4,320.00	
<i>Charwomen:</i>		
One (<i>same acts</i>).....	540.00	
Three, at \$480 each (<i>same acts</i>).....	1,440.00	
One (<i>same acts</i>).....	360.00	
Sixteen, at \$240 each (<i>same acts</i>).....	3,840.00	
For extra labor and emergency employments (<i>same acts</i>).....	12,480.00	
		\$376,600.00
		\$367,560.00

NOTE.—Apparent increase \$9,040, actual increase \$8,800. There is an increase in the salaries of the assistant secretary from \$5,000 to \$7,500, director of scientific work from \$5,000 to \$7,500, director of regulatory work from \$5,000 to \$7,500, one executive clerk from \$2,100 to \$2,500, one inspector from \$3,000 to \$3,500, one superintendent of telegraph and telephones from \$2,000 to \$2,500, and one assistant chief clerk and captain of the watch from \$1,800 to \$2,000. Two executive clerks at \$2,250 each have been added, while four employees with salaries aggregating \$4,800 are recommended dropped. A messenger boy at \$720 has been transferred from the Division of Publications and one at \$480 to the statutory roll of the Division of Publications, the funds in each case reduced accordingly.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Assistant editor.....per annum..	\$2,000.00	1	1	1
Mechanical assistant.....do.....	1,600.00			1
Engineer.....do.....	1,600.00			1
Clerks, at \$1,100 to \$1,000.....do.....		4	6	2
Clerks, watchmen, messenger boys, charwomen, and collaborators, at \$900 to \$1.....do.....		30	25	18
Miscellaneous experts for special investigations.....per diem..	10.00	10	10	-----
Relief watchmen (average service 30 days each).....do.....	2.50	81	81	81
Wages:				
Skilled laborer.....per annum..	1,200.00	1	1	1
Fireman.....do.....	720.00			1
Steamfitter.....per diem..	6.00			1
Miscellaneous temporary labor, \$60 to \$40.....per month..		10	5	5
Salaries.		\$10,000.00	\$10,000.00	\$10,401.04
Wages.		2,480.00	2,480.00	1,153.33
Total.		12,480.00	12,480.00	11,554.37



Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 187.*Salaries, Office of the Secretary of Agriculture—Continued.*

For salaries and compensation of necessary employees in the mechanical shops and power plant of the Department of Agriculture, \$100,000: *Provided, That hereafter the Secretary of Agriculture may, by transfer settlement through the general accounting office, reimburse any appropriation made for the salaries and compensation of employees in the mechanical shops of the department from the appropriation made for the bureau, office, or division for which any work in said shops is performed, and such reimbursement shall be at the actual cost of labor for such work (act Mar. 3, 1921, vol. 41, p. 1315, sec. 1).*

\$100,000.00

\$100,000.00

NOTE.—The proviso added to this paragraph received the approval of the House Committee on Agriculture during the consideration of the Agricultural bill for the fiscal year 1922 but was eliminated through a point of order. This provision has for its purpose the reimbursement by the various bureaus of the department, by transfer settlement through the general accounting office, for actual cost of work performed for them in the mechanical shops. The tendency is to increase the amount of work performed by the shops over what would be required if the cost were not charged against the appropriation of the bureau requesting the work.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921. ¹
Salaries:		Number.	Number.	
Mechanical superintendent.....per annum.....	\$2,500.00	1	1	.....
Assistant mechanical superintendent.....do.....	2,240.00	1	1	.....
Chief engineer.....do.....	2,040.00	1	1	.....
Foremen.....do.....	1,800.00	3	3	.....
Messenger boy.....do.....	720.00	1	1	.....
Wages:				
Carpenters, \$1,600 to \$840.....do.....		11	11	.....
Cabinetmakers, \$1,420 to \$1,260.....do.....		5	5	.....
Painters, \$1,420 to \$1,260.....do.....		4	4	.....
Electricians, \$1,420 to \$1,260.....do.....		5	5	.....
Assistant engineers, \$1,420 to \$1,080.....do.....		4	4	.....
Mechanical assistant.....do.....	1,400.00	1	1	.....
Machinist.....do.....	1,260.00	1	1	.....
Plumbers.....do.....	1,260.00	4	4	.....
Blacksmith.....do.....	1,260.00	1	1	.....
Firemen, \$1,080 to \$720.....do.....		10	10	.....
Laborers, \$1,080 to \$720.....do.....		10	10	.....
Mechanics, \$1,420 to \$1,020.....do.....		3	3	.....
Chauffeur.....do.....	900.00	1	1	.....
Electricians' plumbers' and tinnings' helpers, \$900 to \$540.....do.....		9	9	.....
Elevator conductors, \$720 to \$600.....do.....		19	19	.....
Salaries.....		\$12,880.00	\$12,880.00	.....
Wages.....		87,120.00	87,120.00	.....
Total.....		100,000.00	100,000.00	.....

¹ No appropriation.

Statement of clerks employed in the District of Columbia under lump-sum appropriations for 30 days or more during the fiscal year ended June 30, 1921 (32 Stat., p. 303).

OFFICE OF THE SECRETARY—EXTRA LABOR AND EMERGENCY EMPLOYMENTS.

2 clerks, at \$1,100 each per annum.

1 clerk, \$720 per annum.

1 clerk, \$900 per annum.

Total for Office of the Secretary of Agriculture.....

476,600.00

467,560.00

[OFFICE OF FARM MANAGEMENT AND FARM ECONOMICS.]

NOTE.—The Office of Farm Management and Farm Economics, with its appropriations, has been made a part of the new Bureau of Agricultural Economics.

WEATHER BUREAU.

Salaries, Weather Bureau—

Chief of bureau (*R. S.*, p. 87, secs. 520–523; *acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; Mar. 3, 1921, vol. 41, p. 1316, sec. 1*).....

\$5,000.00

Assistant chief (increase of \$350) (*same acts*).....

3,600.00

Chief clerk (increase of \$500) (*same acts*).....

3,000.00

Chiefs of divisions:

One of stations and accounts (*same acts*).....

2,750.00

One of printing (*same acts*).....

2,500.00

Three, at \$2,000 each (*same acts*).....

6,000.00

Two executive clerks, at \$2,160 each (*submitted*).....

4,320.00

Clerks:

Eight of class 4 (*R. S.*, p. 87, secs. 520–523; *acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; Mar. 3, 1921, vol. 41, p. 1316, sec. 1*).....

14,400.00

Twelve of class 3 (*same acts*).....

19,200.00

Twenty-four of class 2 (*same acts*).....

33,600.00

Forty-eight of class 1 (*same acts*).....

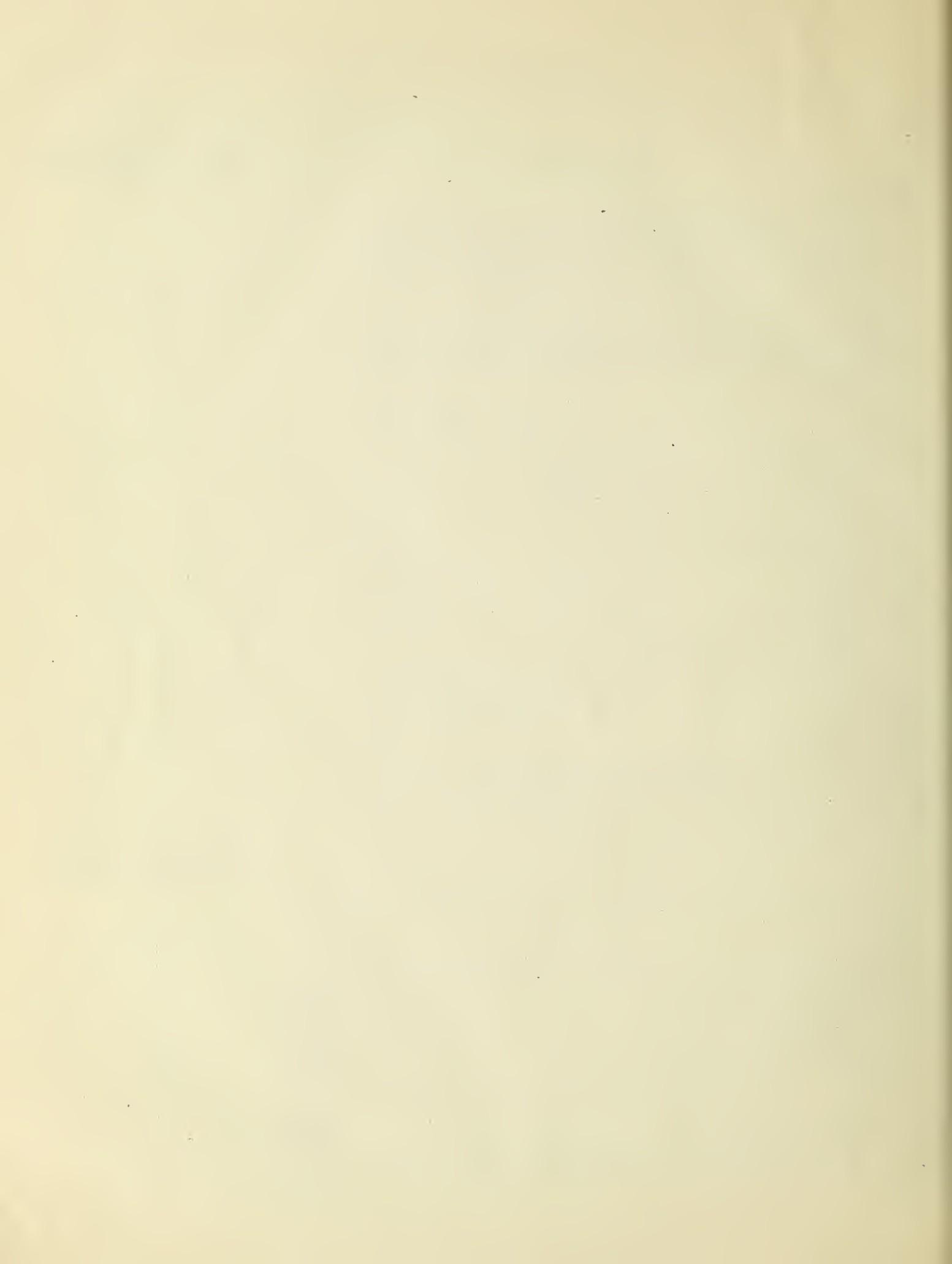
57,600.00

Nine, at \$1,000 each (increase of 2 by transfer from lump fund, and 2 dropped, making no change in number of places) (*same acts*).....

9,000.00

Foreman of printing (*same acts*).....

1,600.00



Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
Budget page 188.		
Salaries, Weather Bureau—Continued.		
Lithographers:		
One (<i>R. S., p. 87, secs. 520-523; acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; Mar. 3, 1921, vol. 41, p. 1316, sec. 1</i>).....	\$1,500.00	
Three, at \$1,400 each (increase of \$200 each) (<i>same acts</i>).....	4,200.00	
Pressman (<i>same acts</i>).....	1,200.00	
Printers or compositors:		
One (<i>submitted</i>).....	1,600.00	
Seventeen, at \$1,500 each (<i>submitted</i>).....	25,500.00	
[Two, at \$1,440 each.]		
[Six, at \$1,350 each.]		
Seventeen, at \$1,300 each (decrease of 3) (<i>R. S., p. 87, secs. 520-523; acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; Mar. 3, 1921, vol. 41, p. 1316, sec. 1</i>).....	22,100.00	
[One, \$1,200.]		
[Six, at \$1,080 each.]		
Four press feeders, at \$840 each (<i>submitted</i>).....	3,360.00	
[Four folders and feeders, at \$720 each.]		
Instrument makers:		
Supervisor (<i>R. S., p. 87, secs. 520-523; acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; Mar. 3, 1921, vol. 41, p. 1316, sec. 1</i>).....	1,620.00	
One (<i>same acts</i>).....	1,440.00	
Three, at \$1,300 each (<i>same acts</i>).....	3,900.00	
[One \$1,260.]		
Assistant engineer (<i>submitted</i>).....	1,260.00	
Skilled mechanics:		
One (increase of \$300) (<i>R. S., p. 87, secs. 520-523; acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; Mar. 3, 1921, vol. 41, p. 1316, sec. 1</i>).....	1,600.00	
Two, at \$1,400 each (<i>submitted</i>).....	2,800.00	
Four, at \$1,200 each (increase of 1) (<i>R. S., p. 87, secs. 520-523; acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; Mar. 3, 1921, vol. 41, p. 1316, sec. 1</i>).....	4,800.00	
Ten, at \$1,000 each (decrease of 3) (<i>same acts</i>).....	10,000.00	
Engineer (increase of \$300) (<i>same acts</i>).....	1,600.00	
Three firemen, at \$840 each (<i>same acts</i>).....	2,520.00	
Foreman of messengers and laborers (<i>submitted</i>).....	1,200.00	
[Captain of the watch, \$1,000.]		
Electrician (increase of \$200) (<i>R. S., p. 87, secs. 520-523; acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; Mar. 3, 1921, vol. 41, p. 1316, sec. 1</i>).....	1,400.00	
Repairmen:		
Two, at \$1,200 each (increase of 1) (<i>same acts</i>).....	2,400.00	
Seven at \$1,000 each (decrease of 1) (<i>same acts</i>).....	7,000.00	
Gardener (increase of \$200) (<i>same acts</i>).....	1,200.00	
Messengers or laborers:		
Twenty-eight, at \$720 each (<i>same acts</i>).....	20,160.00	
Six, at \$660 each (<i>same acts</i>).....	3,960.00	
Twenty-two, at \$600 each (<i>same acts</i>).....	13,200.00	
Messenger boys:		
Eleven, at \$600 each (<i>same acts</i>).....	6,600.00	
One hundred, at \$480 each (<i>same acts</i>).....	48,000.00	
Charwomen:		
One (<i>same acts</i>).....	360.00	
Three, at \$240 each (<i>same acts</i>).....	720.00	
	\$359,770.00	\$346,580.00

NOTE.—Apparent increase \$13,190; actual increase, \$11,190. There is an increase in the salary of the assistant chief of bureau from \$3,250 to \$3,600, chief clerk from \$2,500 to \$3,000, 3 lithographers from \$1,200 to \$1,400 each, 1 skilled mechanic from \$1,300 to \$1,600, 1 engineer from \$1,300 to \$1,600, 1 electrician from \$1,200 to \$1,400, and 1 gardener from \$1,000 to \$1,200. Total promotions, \$2,450. Thirty new places with salaries aggregating \$42,440 have been added, making a total increase of \$44,890. Thirty places with salaries totaling \$33,700 have been dropped, and 2 clerks, at \$1,000 each, have been transferred from the lump funds of this bureau, and the funds correspondingly reduced. See introductory statement of Secretary of Agriculture.

General Expenses, Weather Bureau—

For carrying into effect in the District of Columbia and elsewhere in the United States, in the West Indies, in the Panama Canal, the Caribbean Sea, and on adjacent coasts, in the Hawaiian Islands, in Bermuda, and in Alaska, the provisions of an act approved October 1, 1890, so far as they relate to the weather service transferred thereby to the Department of Agriculture, for the employment of professors of meteorology, district forecasters, local forecasters, meteorologists, section directors, observers, apprentices, operators, skilled mechanics, instrument makers, foremen, assistant foremen, proof readers, compositors, pressmen, lithographers, folders and feeders, repairmen, station agents, messengers, messenger boys, laborers, special observers, displaymen, and other necessary employees; for fuel, gas, electricity, freight and express charges, furniture, stationery, ice, dry goods, twine, mats, oil, paints, glass, lumber, hardware, and washing towels; for advertising; for purchase, subsistence, and care of horses and vehicles, the purchase and repair of harness, for official purposes only; for instruments, shelters, apparatus, storm-warning towers and repairs thereto; for rent of offices; for repair and improvements to existing buildings and care and preservation of grounds, including the construction of necessary outbuildings and sidewalks on public streets abutting Weather Bureau grounds; and the erection of temporary buildings for living quarters of observers; for official traveling expenses; for telephone rentals, and for telegraphing, telephoning, and cabling reports and messages, rates to be fixed by the

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget page 189.*General Expenses, Weather Bureau—Continued.*

Secretary of Agriculture by agreements with the companies performing the service; for the maintenance and repair of Weather Bureau telegraph, telephone, and cable lines; and for every other expenditure required for the establishment, equipment, and maintenance of meteorological offices and stations and for the issuing of weather forecasts and warnings of storms, cold waves, frosts, and heavy snows, the gauging and measuring of the flow of rivers and the issuing of river forecasts and warnings; for observations and reports relating to crops and for other necessary observations and reports, including cooperation with other bureaus of the Government and societies and institutions of learning for the dissemination of meteorological information, as follows (*acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; Mar. 3, 1921, vol. 41, pp. 1316, 1317, sec. 1*):

For necessary expenses in the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information, and for investigations in meteorology, climatology, seismology, volcanology, evaporation, and aerology, [§108,410] \$124,170 (*same acts*) \$124,170.00

NOTE.—An increase of \$15,760, as follows:

(a) \$2,550 for improvement of hurricane-warning service in the Gulf of Mexico, along the South Atlantic coast, and in the West Indies.

(b) \$5,720 for improving the forecast and warning service in connection with the preparation of charts, compilation of reports, etc. The making of forecast maps and charts is the basis of all the forecast and warning service of the bureau. Moreover, the special forecasts now being made for the aviators of the Army, Navy, and Post Office Department, and the largely increased demands for frost, cold-wave, and other warnings have materially increased the duties of the forecasters and map men and intensified the pressure under which they must work.

(c) \$2,830 for restoring and further developing the marine meteorological work. The principal object of this service is to supply data for the pilot charts published by the Hydrographic Office of the Navy Department, as required by law.

(d) \$4,660 for supplies, instruments, fuel, and telegraph services. The great advance in the cost of supplies, instruments, and equipment of all kinds makes this increase absolutely necessary in order to meet the most urgent needs.

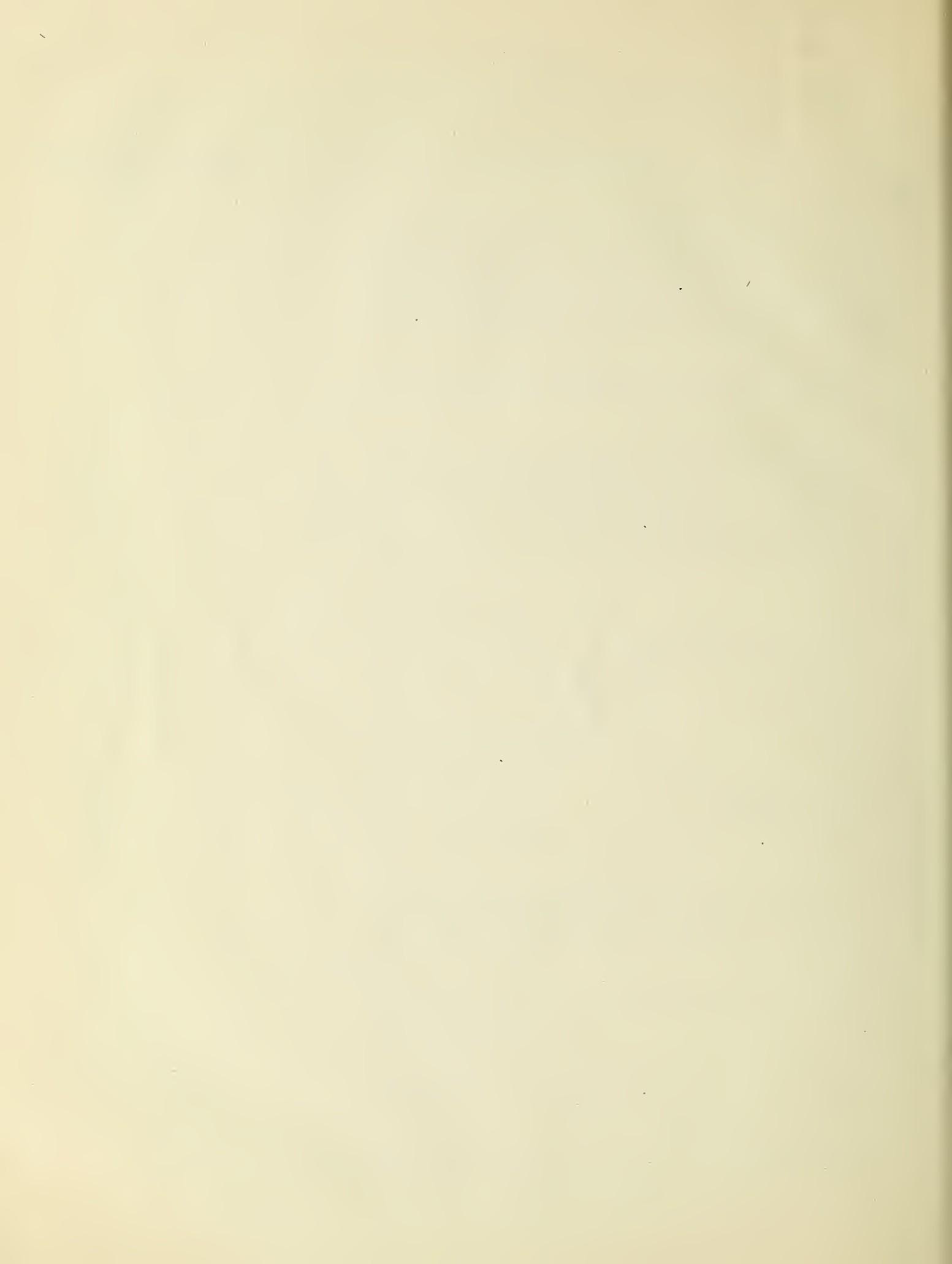
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Meteorologists, \$4,500 to \$1,620... per annum.....		21	17	18
Observers, \$1,440 to \$1,260.....do.....		5	3	2
Assistant observer.....do.....	\$1,080.00		1	1
Clerk.....do.....	1,200.00			1
Watchman.....do.....	720.00			1
Assistant librarian.....do.....	1,800.00	1	1	1
Wages:				
Mechanical assistant.....do.....	1,600.00	1	1	1
Instrument maker.....do.....	1,600.00		1	
Fireman.....do.....	840.00			1
Salaries.....		\$65,615.00	\$53,295.60	\$53,517.51
Wages.....		225.00	1,825.00	1,065.00
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		2,640.00	2,540.00	3,441.00
Equipment and material.....		3,560.00	3,360.00	3,129.64
Telephone and telegraph service.....		38,700.00	38,500.00	38,210.17
Miscellaneous items.....		13,430.00	8,889.40	391.12
Total.....		124,170.00	108,410.00	99,754.44

For the maintenance of a printing office in the city of Washington for the printing of weather maps, bulletins, circulars, forms, and other publications, including the pay of additional employees, when necessary, [§11,450] \$13,000: Provided, That no printing shall be done by the Weather Bureau that can be done at the Government Printing Office without impairing the service of said bureau (*same acts*)

13,000.00

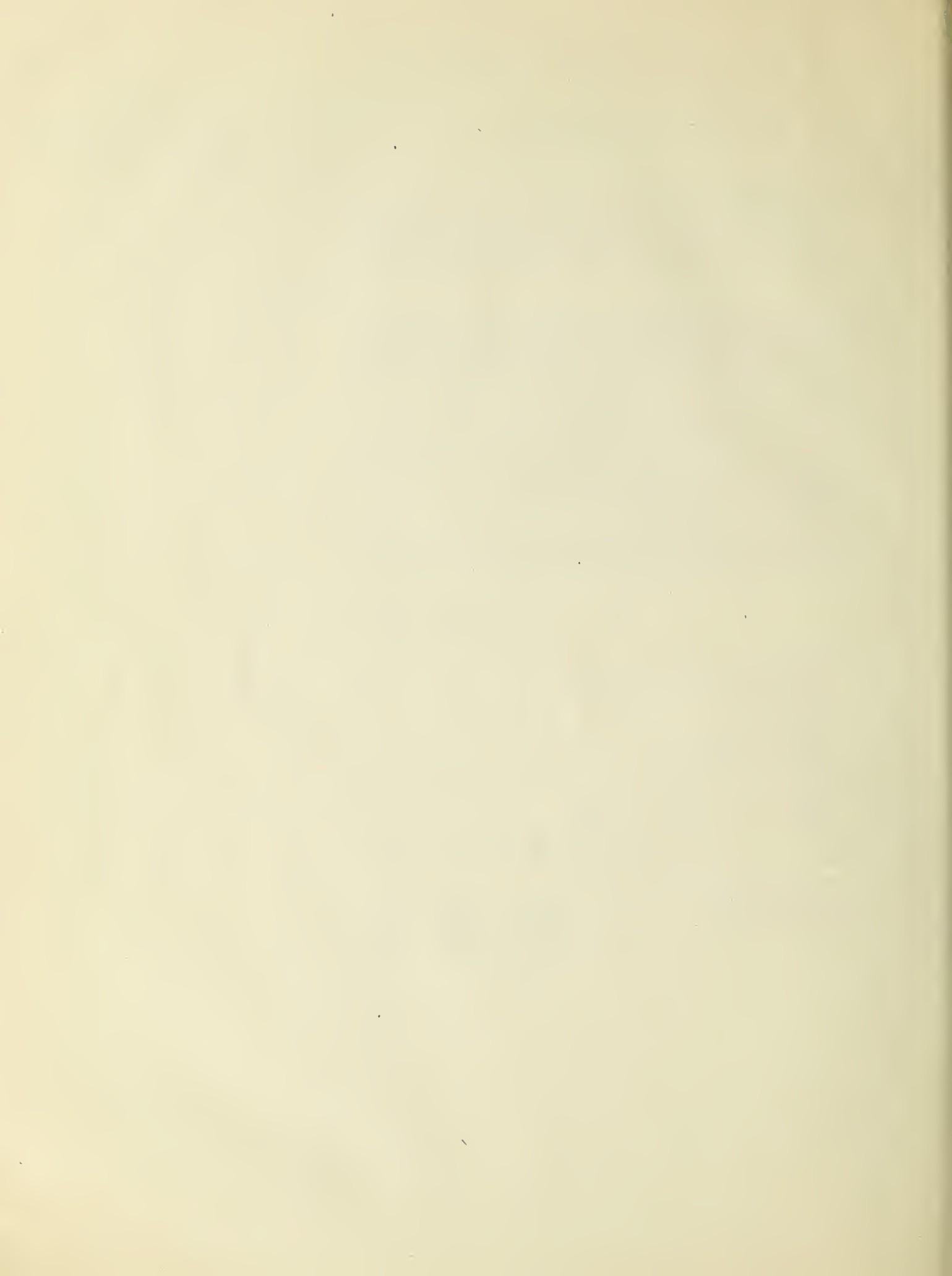
NOTE.—An increase of \$1,550. This sum is needed to meet the greatly increased cost of printing equipment, repairs thereto, and supplies used in the Weather Bureau printing office in Washington. There has been no increase in this fund since 1915.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Printer or compositor.....per annum.....	\$1,350.00			1
Wages.....				\$1,237.50
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		\$9,300.00	\$8,800.00	8,833.86
Equipment and material.....		1,100.00	800.00	818.51
Miscellaneous items.....		2,600.00	1,850.00	1,847.30
Total.....		13,000.00	11,450.00	12,737.17



Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.		
Budget, page 190.				
<i>General Expenses, Weather Bureau—Continued.</i>				
For necessary expenses outside of the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information, and for investigations in meteorology, climatology, seismology, volcanology, evaporation, and aeroiology, [[\$1,300,110]] \$1,346,610, [including not to exceed \$697,080 for salaries, \$129,040 for special observations and reports, and \$295,750 for telegraphing and telephoning] (acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; Mar. 3, 1921, vol. 41, pp. 1316, 1317, sec. 1).....	\$1,346,610.00			
NOTE.—An increase of \$46,500, as follows:				
(a) \$22,860 for extension of hurricane and storm warning service along the Gulf of Mexico, the South Atlantic coast, and in the West Indian and Caribbean Seas. During recent years it has become increasingly apparent that to afford adequate protection to the inhabitants of coastal regions of the Gulf and South Atlantic an extension of the present service is necessary. At least two additional full reporting stations should be established and a number of supplemental stations organized.				
(b) \$1,440 for restoration and development of marine work. This increase will permit the placing of an additional employee at New York, which is the most important marine center in the United States.				
(c) \$1,000 to meet the increased demand for snow measurements in the mountains of the West and to supply information concerning water resources for irrigation and power purposes.				
(d) \$1,700 to meet increases in radio and telephone tolls.				
(e) \$19,500 to meet the increased cost of supplies, instruments, and rents, and for repairs to buildings and cables. There has been no material increase for several years in the funds from which the miscellaneous expenses required for the Weather Bureau field service are defrayed. The increase in rent charges and the cost of supplies, equipment, instruments, repair work, etc., have been so great that only the barest necessities have been met.				
Sixteen leases under which rents aggregating \$96,570 are paid will expire on June 30, 1922. Indications are that these leases will be renewable only at increased rents.				
The Weather Bureau owns 47 observatory buildings throughout the country exclusive of those at Mount Weather. On account of lack of funds no repairs of any consequence have been made to these buildings since 1915 and they are deteriorating.				
Repairs are also badly needed to 60 miles of marine cables. These cables have been laid for 18 years.				
The language of the paragraph has been amended by omitting the limiting clauses. These clauses serve no useful purpose, handicap administrative action, and restrict latitude in the use of the appropriation to the best advantage in meeting all contingencies that arise in a service whose activities are so varied and widespread as those of the Weather Bureau.				
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Meteorologists, \$4,500 to \$1,080.....per annum.	\$3,960.00	200	178	188
Volcanologist.....do.....		1	1	1
Observers, \$1,440 to \$720.....do.....		152	140	165
Assistant observers, \$1,080 to \$540.....do.....		83	90	86
Vessel reporters, \$960 to \$720.....do.....		2	2	2
Apprentices, \$340 to \$480.....do.....		27	27	28
Miscellaneous substation observers, \$40 to \$1.....per month.		1,833	1,793	1,698
Emergency observers and messenger boys, \$6.50 to \$1 per diem.....		113	105	95
Wages:				
Printer.....per annum.	1,440.00			1
Mechanic.....do.....	1,000.00			1
Repairman.....do.....	900.00	1	1	1
Fireman.....do.....	720.00	1	1	1
Laborer.....do.....	480.00			1
Salaries.....		\$810,000.00	\$795,410.00	\$792,298.08
Wages.....		7,170.00	6,670.00	9,979.08
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		20,030.00	19,030.00	19,420.26
Equipment and material.....		120,000.00	114,000.00	116,409.20
Telephone and telegraph service.....		237,550.00	230,000.00	227,250.00
Miscellaneous items.....		151,860.00	135,000.00	135,673.38
Total.....		1,346,610.00	1,300,110.00	1,301,030.00



Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 191.*General Expenses, Weather Bureau—Continued.*

For investigations, observations, and reports, forecasts, warnings, and advices for the protection of horticultural interests from frost damage, [§9,000] \$12,000 (acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; Mar. 3, 1921, vol. 41, pp. 1316, 1317, sec. 1) ...

\$12,000.00

NOTE.—An increase of \$3,000. The feasibility of heating orchards to prevent damage by frost has been demonstrated and the practice continues to grow in popularity, with consequent increased demands on the department for assistance in studying individual localities and furnishing specific temperature forecasts and advices concerning the proper time to begin heating. The increase requested will enable the department to render effective and efficient work in the principal horticultural districts where this service is only in partial operation due to inadequate funds.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921. ¹
		Number.	Number.	
Salaries:				
Meteorologists, \$2,160 to \$1,620...per annum.....		2	1	.....
Fruit frost observers (service not to exceed 6 months a year).....	\$10.00	15	10	.....
Salaries.....		\$4,560.00	\$2,760.00	.....
OTHER OBJECTS OF EXPENDITURE.				
Equipment and material.....		2,700.00	2,400.00	.....
Telephone and telegraph service.....		600.00	200.00	.....
Miscellaneous items.....		4,140.00	3,640.00	.....
Total.....		12,000.00	9,000.00	.....

¹ No appropriation.For official traveling expenses (*same acts*).....

30,000.00

Employees.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Traveling expenses.....	\$30,000.00	\$22,000.00	\$18,877.27

For the maintenance of stations, for observing, measuring, and investigating atmospheric phenomena, including salaries, travel, and other expenses in the city of Washington and elsewhere, [§81,020] \$79,020 (*same acts*).....

79,020.00

NOTE.—The apparent decrease of \$2,000 is due to the transfer of 2 clerks, at \$1,000 each, to the statutory roll.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Meteorologists, \$3,240 to \$1,620...per annum.....		10	10	7
Observers, \$1,440 to \$1,200...do.....		16	16	17
Assistant observers, \$1,080 to \$900...do.....		15	12	17
Clerks.....do.....	\$1,000	.....	2	1
Salaries.....		\$54,940.00	\$56,940.00	\$52,152.42
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		500.00	500.00	530.36
Traveling expenses.....		2,000.00	2,000.00	1,824.76
Equipment and material.....		11,000.00	11,000.00	13,997.22
Telephone and telegraph service.....		3,500.00	3,500.00	3,433.76
Miscellaneous items.....		7,080.00	7,080.00	8,850.45
Total.....		79,020.00	81,020.00	80,788.97

In all, for general expenses.....

\$1,604,800.00 \$1,539,990.00

Statement of the proposed expenditures from the above appropriations for general expenses, Weather Bureau, for the fiscal year ending June 30, 1923, for the maintenance, repair, and operation of horse-drawn passenger-carrying vehicles, as required by section 5 of the act of July 16, 1914 (38 Stat., p. 508).

Bureau.	Horse-drawn or motor-propelled.	Appropriation.	For maintenance, repair, and operation.			Public purpose for which intended.	Officials and employees by whom used.
			Number.	Description.	Amount.		
Weather Bureau.	H o r s e - drawn.	General ex-penses, Weather Bureau.	1	Surrey.	\$320	Administrative work of bureau.	Chief, and acting chief, Washington, D.C.

Statement of clerks employed in District of Columbia on lump-sum appropriations for 30 days or more during the fiscal year ended June 30, 1921 (32 Stat., p. 308).

GENERAL EXPENSES, WEATHER BUREAU.

2 clerks, at \$1,200 each per annum.

2 clerks, at \$1,000 each per annum.

Total for Weather Bureau.....

1,964,570.00 1,886,570.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
BUREAU OF ANIMAL INDUSTRY.		
Budget, page 192		
<i>Salaries, Bureau of Animal Industry—</i>		
Chief of bureau (increase of \$2,500) (<i>R. S., p. 87, secs. 520-523; acts Mar. 29, 1884, vol. 23, p. 31, secs. 1-11; Mar. 3, 1921, vol. 41, pp. 1317-1320, sec. 1</i>).....	\$7,500.00	
Chief clerk (<i>same acts</i>).....	2,500.00	
Editor and compiler (<i>same acts</i>).....	2,250.00	
Executive assistant (<i>same acts</i>).....	2,500.00	
Seven executive clerks, at \$2,000 each (decrease of 1 by transfer to statutory roll, Division of Publications) (<i>same acts</i>).....	14,000.00	
Clerks:		
Twelve of class 4 (<i>same acts</i>).....	21,600.00	
Ten, at \$1,680 each (<i>same acts</i>).....	16,800.00	
Eighteen, of class 3 (<i>same acts</i>).....	28,800.00	
Fourteen, at \$1,500 each (<i>same acts</i>).....	21,000.00	
Forty, of class 2 (<i>same acts</i>).....	56,000.00	
Eight, at \$1,380 each (<i>same acts</i>).....	11,040.00	
Twenty, at \$1,320 each (<i>same acts</i>).....	26,400.00	
Forty-five, at \$1,300 each (<i>same acts</i>).....	58,500.00	
Eight, at \$1,260 each (<i>same acts</i>).....	10,080.00	
One hundred and twenty, of class 1 (<i>same acts</i>).....	144,000.00	
Twenty, at \$1,100 each (<i>same acts</i>).....	22,000.00	
Twenty-five, at \$1,080 each (<i>same acts</i>).....	27,000.00	
Thirty-two, at \$1,000 each (<i>same acts</i>).....	32,000.00	
Six, at \$960 each (<i>same acts</i>).....	5,760.00	
Architect (<i>same acts</i>).....	2,000.00	
Illustrator, \$1,400, transferred to statutory roll, Division of Publications.]		
Laboratory aid (<i>same acts</i>).....	1,200.00	
Laboratory helper (<i>same acts</i>).....	1,200.00	
Six laboratory assistants, at \$1,200 each (<i>same acts</i>).....	7,200.00	
Laboratory mechanicians:		
One (<i>same acts</i>).....	1,640.00	
One (<i>same acts</i>).....	1,440.00	
Carpenters:		
One (<i>same acts</i>).....	1,140.00	
Two, at \$1,000 each (<i>same acts</i>).....	2,000.00	
Two messengers and custodians at \$1,200 each (<i>same acts</i>).....	2,400.00	
Skilled laborers:		
One (<i>same acts</i>).....	1,200.00	
Three at \$1,000 each (<i>same acts</i>).....	3,000.00	
Eleven at \$900 each (<i>same acts</i>).....	9,900.00	
Painter (<i>same acts</i>).....	900.00	
Laborers:		
Fifty, at \$960 each (<i>same acts</i>).....	48,000.00	
Two, at \$900 each (<i>same acts</i>).....	1,800.00	
Three, at \$780 each (<i>same acts</i>).....	2,340.00	
Messengers or laborers:		
Eleven, at \$840 each (<i>same acts</i>).....	9,240.00	
Twenty-nine, at \$720 each (<i>same acts</i>).....	20,880.00	
Messenger boys:		
Two, at \$660 each (<i>same acts</i>).....	1,320.00	
Three, at \$600 each (<i>same acts</i>).....	1,800.00	
Five, at \$540 each (<i>same acts</i>).....	2,700.00	
Fifteen, at \$480 each (<i>same acts</i>).....	7,200.00	
Charwomen:		
One (<i>same acts</i>).....	600.00	
Two, at \$540 each (<i>same acts</i>).....	1,080.00	
Seventeen, at \$480 each (<i>same acts</i>).....	8,160.00	
Five, at \$360 each (<i>same acts</i>).....	1,800.00	
Two, at \$300 each (<i>same acts</i>).....	600.00	
Seven, at \$240 each (<i>same acts</i>).....	1,680.00	
		\$654,150.00
		\$655,050.00

NOTE.—Apparent decrease \$900, actual increase \$2,500. There is an increase of \$2,500 in the salary of the chief of bureau from \$5,000 to \$7,500. Two employees with salaries aggregating \$3,400 have been transferred to the Division of Publications. See introductory statement of Secretary of Agriculture.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.

Total amount to be appropriated under each head of appropriation.

Amount appropriated for the fiscal year ending June 30, 1922.

Budget, page 193*General Expenses, Bureau of Animal Industry—*

For carrying out the provisions of the act approved May 29, 1884, establishing a Bureau of Animal Industry, and the provisions of the act approved Mar. 3, 1891, providing for the safe transport and humane treatment of export cattle from the United States to foreign countries, and for other purposes; the act approved Aug. 30, 1890, providing for the importation of animals into the United States, and for other purposes; and the provisions of the act of May 9, 1902, extending the inspection of meats to process butter, and providing for the inspection of factories, marking of packages, and so forth; and the provisions of the act approved Feb. 2, 1903, to enable the Secretary of Agriculture to more effectually suppress and prevent the spread of contagious and infectious diseases of live stock, and for other purposes; and also the provisions of the act approved Mar. 3, 1905, to enable the Secretary of Agriculture to establish and maintain quarantine districts, to permit and regulate the movement of cattle and other live stock therefrom, and for other purposes; and for carrying out the provisions of the act of June 29, 1906, entitled "An act to prevent cruelty to animals while in transit by railroad or other means of transportation;" and for carrying out the provisions of the act approved Mar. 4, 1913, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous products manufactured in the United States, and the importation of such products intended for use in the treatment of domestic animals; and to enable the Secretary of Agriculture to collect and disseminate information concerning live stock, dairy, and other animal products; to prepare and disseminate reports on animal industry; to employ and pay from the appropriation herein made as many persons in the city of Washington or elsewhere as he may deem necessary; to purchase in the open market samples of all tuberculin, serums, antitoxins, or analogous products, of foreign or domestic manufacture, which are sold in the United States, for the detection, prevention, treatment, or cure of diseases of domestic animals, to test the same, and to disseminate the results of said tests in such manner as he may deem best; to purchase and destroy diseased or exposed animals or quarantine the same whenever in his judgment essential to prevent the spread of pleuropneumonia, tuberculosis, or other diseases of animals from one State to another, as follows (*acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10; Mar. 3, 1891, vol. 26, pp. 883, 1089, sec. 1; May 9, 1902, vol. 32, pp. 193-197, sec. 1; Feb. 2, 1903, vol. 32, pp. 791, 792, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; Mar. 4, 1913, vol. 37, p. 832, sec. 1; Mar. 3, 1921, vol. 41, pp. 1317-1320, sec. 1*):

For inspection and quarantine work, including all necessary expenses for the eradication of scabies in sheep and cattle, the inspection of southern cattle, the supervision of the transportation of live stock and the inspection of vessels, the execution of the 28-hour law, the inspection and quarantine of imported animals, including the establishment and maintenance of quarantine stations and repairs, alterations, improvements, or additions to buildings thereon; the inspection work relative to the existence of contagious diseases, and the mallein testing of animals, \$534,640: *Provided*, That not to exceed \$15,000 shall be used for improvements and repairs to quarantine stations (*same acts*).....

\$534,640.00

Employees.	Rate.	Estimated,	Estimated,	Expended,
		1923.	1922.	1921.
		Number.	Number.	Number.
Salaries:				
Chiefs of division, \$4,000 to \$3,750 per annum		2	2	2
Assistant chief of division.....do.....	\$3,240.00	1	1	1
Biochemist.....do.....	3,600.00	1	1	1
Inspectors, \$3,500 to \$1,080.....do.....		196	186	179
Inspector.....per month	60.00	1	1	1
Inspectors, \$12 to \$6.....per diem		3	3	4
Assistants, \$2,220 to \$2,160.....per annum		3	3	4
Agents, \$1,560 to \$1,200.....do.....		5	5	4
Agent.....per diem	5.00	1	1	1
Microscopist.....per annum	1,200.00	1	1	1
Physiologist.....do.....	2,880.00			1
Bacteriologists, \$2,880 to \$2,460.....do.....				2
Husbandman.....do.....	1,800.00			1
Clerk.....do.....	1,400.00		1	1
Agents and collaborators, \$60 to \$1.....do.....		7	7	3
Wages:				
Power-plant operator.....do.....	1,320.00	1	1	1
Engineer.....do.....	1,200.00			1
Laborers, \$1,400 to \$600.....do.....		3	3	2
Salaries.....		\$377,319.50	\$376,469.50	\$379,717.63
Wages.....		4,520.00	4,520.00	4,520.00
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		725.00	725.00	731.25
Traveling expenses.....		100,500.00	100,500.00	100,322.49
Equipment and material.....		31,000.00	31,000.00	16,890.96
Telephone and telegraph service.....		2,500.00	2,500.00	2,602.30
Miscellaneous items.....		18,075.50	18,075.50	20,432.26
Total.....		534,640.00	533,790.00	525,216.39

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.		
Budget, page 194. <i>General Expenses, Bureau of Animal Industry</i> —Continued.				
For investigating the disease of tuberculosis of animals, for its control and eradication, for the tuberculin testing of animals, and for researches concerning the cause of the disease, its modes of spread, and methods of treatment and prevention, including demonstrations, the formation of organizations, and such other means as may be necessary, either independently or in cooperation with farmers, associations, State, Territory, or county authorities, [§\$1,978,800] \$1,977,600, of which [§\$978,800] §977,600 shall be set aside for administrative and operating expenses and \$1,000,000 for the payment of indemnities: <i>Provided, however,</i> That in carrying out the purpose of this appropriation, if in the opinion of the Secretary of Agriculture, it shall be necessary to destroy tuberculous animals and to compensate owners for loss thereof, he may, in his discretion, and in accordance with such rules and regulations as he may prescribe, expend in the city of Washington or elsewhere, out of the moneys of this appropriation, such sums as he shall determine to be necessary, within the limitations above provided, for the reimbursement, of owners of animals so destroyed, in cooperation with such States, Territories, counties, or municipalities, as shall by law or by suitable action in keeping with its authority in the matter, and by rules and regulations adopted and enforced in pursuance thereof, provide inspection of tuberculous animals and for compensation to owners of animals so destroyed; but no part of the money hereby appropriated shall be used in compensating owners of such animals except in cooperation with and supplementary to payments to be made by State, Territory, county, or municipality [when] where condemnation of such animals shall take place; nor shall any payment be made hereunder as compensation for or on account of any such animal destroyed if at the time of inspection or test of such animal, or at the time of condemnation thereof, it shall belong to or be upon the premises of any person, firm, or corporation, to which it has been sold, shipped, or delivered for the purpose of being slaughtered: <i>Provided further,</i> That out of the money hereby appropriated no payment as compensation for any tuberculous animal destroyed shall exceed one-third of the difference between the appraised value of such animal and the value of the salvage thereof; that no payment hereunder shall exceed the amount paid or to be paid by the State, Territory, county, or municipality where the animal shall be condemned; and that in no case shall any payment hereunder be more than \$25 for any grade animal or more than \$50 for any pure-bred animal, and no payment shall be made unless the owner has complied with all lawful quarantine regulations (<i>acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10; Mar. 3, 1891, vol. 26, pp. 883, 1089, sec. 1; May 9, 1902, vol. 32, pp. 193-197, sec. 1; Feb. 2, 1903, vol. 32, pp. 791, 792, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; Mar. 4, 1913, vol. 37, p. 832, sec. 1; Mar. 3, 1921, vol. 41, pp. 1317-1320, sec. 1</i>) \$1,977,600.00				
NOTE.—The apparent decrease of \$1,200 in operating expenses is due to the transfer of a skilled laborer to the Division of Publications.				
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Chief of division.....per annum.....	\$4,000.00	1	1	1
Assistant chief of division.....do.....	3,240.00	1	1	1
Inspectors, \$3,300 to \$1,170.....do.....	306	306	258	
Biochemist.....do.....	3,600.00	1	1	1
Bacteriologists, \$3,000 to \$1,500.....do.....		3	3	3
Assistants, \$3,000 to \$1,620.....do.....		1	1	5
Chemist.....do.....	1,740.00	1	1	
Clerks.....do.....	1,400.00		2	1
Inspectors and collaborators, \$12 to \$1.....per diem.....		7	7	2
Wages:				
Engineer.....per annum.....	1,680.00	1	1	
Laborers, \$1,460 to \$540.....do.....		1	2	6
Salaries.....		\$631,066.00	\$633,866.00	\$508,577.94
Wages.....		3,340.00	4,540.00	5,740.00
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		1,875.00	1,875.00	1,868.38
Traveling expenses.....		245,000.00	239,774.00	182,667.49
Equipment and material.....		40,000.00	37,500.00	37,100.12
Telephone and telegraph service.....		2,500.00	2,025.00	2,019.24
Miscellaneous items.....		53,819.00	31,220.00	30,382.46
Indemnities of animals slaughtered.....		1,000,000.00	1,000,000.00	1,085,440.00
Total.....		1,977,600.00	1,950,800.00	1,853,795.63

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 195.*General Expenses, Bureau of Animal Industry—Continued.*

For all necessary expenses for the eradication of southern cattle ticks, \$660,000:

Provided, That no part of this appropriation shall be used for the purchase of animals or in the purchase of materials for or in the construction of dipping vats upon land not owned solely by the United States, except at fairs or expositions where the Department of Agriculture makes exhibits or demonstrations; nor shall any part of this appropriation be used in the purchase of materials or mixtures for use in dipping vats except in experimental or demonstration work carried on by the officials or agents of the Bureau of Animal Industry (*acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10; Mar. 3, 1891, vol. 26, pp. 883, 1089, sec. 1; May 9, 1902, vol. 32, pp. 193-197, sec. 1; Feb. 2, 1903, vol. 32, pp. 791, 792, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; Mar. 4, 1913, vol. 37, p. 832, sec. 1; Mar. 3, 1921, vol. 41, pp. 1317-1320, sec. 1*).....

\$660 000.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Chiefs of division, \$4,260 to \$4,000 per annum		2	1	1
Assistant chief of division,				
\$3,240 to \$3,000	do.	1	1	1
Inspectors, \$3,500 to \$1,080	do.	134	134	126
Agents, \$2,100 to \$1,080	do.	115	115	97
Chemist, \$1,860 to \$1,740	do.	1	1	1
Assistant	\$3,000.00	1	1	1
Agents, \$900 to \$12	do.	14	14	14
Wages:				
Mechanic	do.	1,640.00		1
Carpenters and laborers	do.			
Carpenters and laborers, \$4.50 to \$3 per diem	600.00	3	3	4
Salaries.		\$413,000.00	\$413,000.00	\$395,106.45
Wages.		3,145.65	3,145.65	5,385.65
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies		1,550.00	1,550.00	1,552.16
Traveling expenses		205,000.00	205,000.00	203,666.61
Equipment and material		15,300.00	15,300.00	15,288.61
Telephone and telegraph service		1,030.00	1,030.00	1,057.98
Miscellaneous items		20,944.35	17,444.35	16,804.72
Total.		660,000.00	656,500.00	638,862.18

For all necessary expenses for investigations and experiments in dairy industry, including repairs, alterations, improvements, and additions to buildings absolutely necessary to carry on experiments, including the employment of labor in the city of Washington and elsewhere, cooperative investigations of the dairy industry in the various States, and inspection of renovated-butter factories (*same acts*).....

375,000.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Chief of division.....per annum	\$4,500.00	1	1	1
Assistant chief of division	4,000.00			
Specialists, \$4,000 to \$1,800	do.	25	25	23
Bacteriologists, \$4,000 to \$1,620	do.	6	6	5
Physiologist	3,600.00	1	1	1
Chemists, \$3,420 to \$1,800	do.	11	11	7
Husbandmen, \$4,000 to \$2,040	do.			
Husbandmen.....per diem	10.00	18	18	13
Expert	do.	10.00		1
Technologist, \$3,000 to \$2,880.....per annum		1	1	1
Engineer, \$3,000 to \$2,880	do.	1	1	1
Inspector	do.	2,500.00	1	1
Editor	do.	2,220.00	1	1
Assistants, \$1,980 to \$1,600	do.	6	6	4
Statistician	do.	1,800.00	1	1
Agents, \$1,620 to \$1,000	do.	4	4	3
Herdsmen	do.	2,200.00	1	1
Cheesemakers, \$2,280 to \$1,620	do.	3	3	2
Laboratorian	do.	1,440.00		1
Chauffeur	do.	1,080.00	1	1
Clerk	do.	1,000.00		1
Agents, collaborators, husbandmen and charwomen, \$360 to \$120	do.	5	5	4
Wages:				
Laborers, \$1,080 to \$540	do.	3	3	4
Carpenters, laborers, and f ^e emen, \$4.20 to \$2.....per diem		29	29	21
Salaries.		\$212,122.00	\$213,122.00	\$175,046.60
Wages.		20,000.00	20,000.00	18,385.00
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies		1,500.00	1,500.00	1,325.27
Traveling expenses		42,000.00	42,000.00	35,859.49
Equipment and material		44,000.00	39,000.00	45,045.08
Telephone and telegraph service		500.00	500.00	427.97
Miscellaneous items		54,878.00	48,878.00	45,410.59
Total.		375,000.00	365,000.00	321,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.																																																																																																																																																																
Budget, page 196. <i>General Expenses, Bureau of Animal Industry—Continued.</i> For all necessary expenses for investigations and experiments in animal husbandry; for experiments in animal feeding and breeding, including cooperation with the State agricultural experiment stations, including repairs and additions to and erection of buildings absolutely necessary to carry on the experiments, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all other necessary expenses, [[\$282,820]] \$293,040: <i>Provided</i> , That of the sum thus appropriated [[\$58,640]] \$62,860 may be used for experiments in poultry feeding and breeding: <i>Provided further</i> , That of the sum thus appropriated \$8,000 [is hereby made immediately available] may be used for the erection of necessary buildings at the United States sheep experiment station in Clark County, Idaho, to furnish facilities for the investigation of problems pertaining to the sheep and wool industry on the farms and ranges of the Western States (<i>acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10, Mar. 3, 1891, vol. 26, pp. 883, 1089, sec. 1; May 9, 1902, vol. 32, pp. 193-197, sec. 1; Feb. 2, 1903, vol. 32, pp. 791, 792, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906; vol. 34, p. 607, sec. 1; Mar. 4, 1913, vol. 37, p. 832, sec. 1, Mar. 3, 1921, vol. 41, pp. 1317-1320, sec. 1</i>)..	\$293,040.00																																																																																																																																																																	
NOTE.— An increase of \$10,220, as follows: (a) \$1,500 for animal genetics. The data on genetics in the Animal Husbandry Division are accumulating to such an extent that to tabulate them for study will require either the employment of additional clerks or the renting of tabulating machines. (b) \$4,500 for horse and mule investigations. This is needed for the purpose of enlarging the studies of the horse problems pertaining to the farm power investigation which has been under way in the department for two years in cooperation with the Office of Farm Management and the Office of Rural Engineering, Bureau of Public Roads, to determine the relative value of horse-drawn and motor-propelled implements on the farm. The amount recommended will provide for the employment of a competent animal husbandman in charge of the project and an assistant, and will permit thorough studies of the problems involved. (c) \$4,220 for farm poultry investigations. At the outbreak of the war, the bureau had just begun, in cooperation with the States Relations Service, a study by means of the calorimeter of the incubation of hens' eggs to determine, if possible, the cause for the loss in chicks during the seventeenth and eighteenth day of incubation. The work was beginning to show promise when it had to be stopped on account of the demands of the war. It is now believed desirable to start this project. The language of this paragraph has been amended by omitting the clause making immediately available the amount for buildings at the sheep experiment station in Clark County, Idaho. The proviso that of the sum appropriated in the paragraph, \$8,000 may be used for the erection of necessary buildings at this station, is, however, retained. The continuation of this provision is recommended in order partially to complete the building program.																																																																																																																																																																		
<table border="1"> <thead> <tr> <th>Employees.</th> <th>Rate.</th> <th>Estimated, 1923.</th> <th>Estimated, 1922.</th> <th>Expended, 1921.</th> </tr> </thead> <tbody> <tr> <td>Salaries:</td> <td></td> <td>Number.</td> <td>Number.</td> <td>Number.</td> </tr> <tr> <td>Chief of division.....per annum.....</td> <td>\$4,500.00</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>Husbandmen, \$3,500 to \$1,380.....do.....</td> <td>17</td> <td>16</td> <td>28</td> <td></td> </tr> <tr> <td>Specialist.....do.....</td> <td>3,500.00</td> <td></td> <td></td> <td>2</td> </tr> <tr> <td>Specialist.....per diem.....</td> <td>10.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Agent, \$2,400 to \$900.....per annum.....</td> <td></td> <td>3</td> <td>3</td> <td>17</td> </tr> <tr> <td>Agents.....per diem.....</td> <td>9.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Assistants, \$2,000 to \$1,400.....per annum.....</td> <td></td> <td>5</td> <td>5</td> <td>8</td> </tr> <tr> <td>Experts, \$10 to \$9.....per diem.....</td> <td></td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>Appraisers.....do.....</td> <td>10.00</td> <td>2</td> <td>2</td> <td>3</td> </tr> <tr> <td>Poultrymen, \$3,500 to \$1,800.....per annum.....</td> <td></td> <td>7</td> <td>7</td> <td>5</td> </tr> <tr> <td>Chemists, \$2,500 to \$1,800.....do.....</td> <td></td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td>Photographer.....do.....</td> <td>2,100.00</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>Groom.....do.....</td> <td>1,680.00</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>Foreman teamster herdsman.....do.....</td> <td>1,200.00</td> <td>5</td> <td>3</td> <td>3</td> </tr> <tr> <td>Collaborators.....do.....</td> <td>1.00</td> <td>1</td> <td>1</td> <td>2</td> </tr> <tr> <td>Collaborator.....per diem.....</td> <td>9.00</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>Clerk, \$1,200 to \$900.....per annum.....</td> <td></td> <td>1</td> <td>1</td> <td></td> </tr> <tr> <td>Wages:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Laborers, \$1,500 to \$540.....do.....</td> <td></td> <td>20</td> <td>19</td> <td>22</td> </tr> <tr> <td>Laborers.....per diem.....</td> <td>2.75</td> <td>14</td> <td>14</td> <td>9</td> </tr> <tr> <td>Carpenters, \$5 to \$4.50.....do.....</td> <td></td> <td>2</td> <td>2</td> <td>1</td> </tr> <tr> <td>Salaries.....</td> <td>\$99,853.00</td> <td>\$91,053.00</td> <td>\$150,415.15</td> <td></td> </tr> <tr> <td>Wages.....</td> <td>28,640.00</td> <td>27,800.00</td> <td>22,348.35</td> <td></td> </tr> <tr> <td colspan="5">OTHER OBJECTS OF EXPENDITURE.</td></tr> <tr> <td>Stationery and office supplies.....</td> <td>1,000.00</td> <td>1,000.00</td> <td>958.58</td> <td></td> </tr> <tr> <td>Traveling expenses.....</td> <td>27,500.00</td> <td>20,000.00</td> <td>20,881.19</td> <td></td> </tr> <tr> <td>Equipment and material.....</td> <td>45,347.00</td> <td>47,267.00</td> <td>36,573.30</td> <td></td> </tr> <tr> <td>Telephone and telegraph service.....</td> <td>700.00</td> <td>700.00</td> <td>677.56</td> <td></td> </tr> <tr> <td>Miscellaneous items (including forage).....</td> <td>90,000.00</td> <td>80,000.00</td> <td>76,909.33</td> <td></td> </tr> <tr> <td>Total.....</td> <td>293,040.00</td> <td>267,820.00</td> <td>308,763.46</td> <td></td> </tr> </tbody> </table>	Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.	Salaries:		Number.	Number.	Number.	Chief of division.....per annum.....	\$4,500.00	1	1	1	Husbandmen, \$3,500 to \$1,380.....do.....	17	16	28		Specialist.....do.....	3,500.00			2	Specialist.....per diem.....	10.00				Agent, \$2,400 to \$900.....per annum.....		3	3	17	Agents.....per diem.....	9.00				Assistants, \$2,000 to \$1,400.....per annum.....		5	5	8	Experts, \$10 to \$9.....per diem.....		2	2	2	Appraisers.....do.....	10.00	2	2	3	Poultrymen, \$3,500 to \$1,800.....per annum.....		7	7	5	Chemists, \$2,500 to \$1,800.....do.....		3	2	2	Photographer.....do.....	2,100.00	1	1	1	Groom.....do.....	1,680.00	1	1	1	Foreman teamster herdsman.....do.....	1,200.00	5	3	3	Collaborators.....do.....	1.00	1	1	2	Collaborator.....per diem.....	9.00	1	1	1	Clerk, \$1,200 to \$900.....per annum.....		1	1		Wages:					Laborers, \$1,500 to \$540.....do.....		20	19	22	Laborers.....per diem.....	2.75	14	14	9	Carpenters, \$5 to \$4.50.....do.....		2	2	1	Salaries.....	\$99,853.00	\$91,053.00	\$150,415.15		Wages.....	28,640.00	27,800.00	22,348.35		OTHER OBJECTS OF EXPENDITURE.					Stationery and office supplies.....	1,000.00	1,000.00	958.58		Traveling expenses.....	27,500.00	20,000.00	20,881.19		Equipment and material.....	45,347.00	47,267.00	36,573.30		Telephone and telegraph service.....	700.00	700.00	677.56		Miscellaneous items (including forage).....	90,000.00	80,000.00	76,909.33		Total.....	293,040.00	267,820.00	308,763.46			
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Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.																																																																																																																																												
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For all necessary expenses for scientific investigations in diseases of animals, including the maintenance and improvement of the bureau experiment station at Bethesda, Maryland, and the necessary alterations of buildings thereon, and the necessary expenses for investigations of tuberculin, serums, antitoxins, and analogous products, [§106,400] §118,900: <i>Provided</i> , That of said sum \$40,000 may be used for researches concerning the cause, modes of spread, and methods of treatment and prevention of the disease of contagious abortion of animals (<i>acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10; Mar. 3, 1891, vol. 26, pp. 883, 1089, sec. 1; May 9, 1902, vol. 32, pp. 193-197, sec. 1; Feb. 2, 1903, vol. 32, pp. 791, 792, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; Mar. 4, 1913, vol. 37, p. 832, sec. 1; Mar. 3, 1921, vol. 41, pp. 1317-1320, sec. 1</i>).	\$118,900.00																																																																																																																																													
NOTE.—An increase of \$12,500 for investigations of internal parasites of hogs. Although the hog cholera question has practically been solved, there remain diseases other than cholera which are a serious handicap to the swine industry and for which adequate methods of control have not yet been discovered. Among the most important of these diseases are those caused by internal parasites, such as the intestinal roundworm, a parasite responsible for a tremendous loss among young pigs.																																																																																																																																														
<table border="1"> <thead> <tr> <th>Employees.</th> <th>Rate.</th> <th>Estimated, 1923.</th> <th>Estimated, 1922.</th> <th>Expended, 1921.</th> </tr> </thead> <tbody> <tr> <td>Salaries:</td> <td></td> <td>Number.</td> <td>Number.</td> <td>Number.</td> </tr> <tr> <td>Superintendent of experiment station</td> <td>\$4,000.00</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>Assistant superintendent</td> <td>3,240.00</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>Chief of division</td> <td>3,500.00</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>Zoologists, \$3,600 to \$1,500</td> <td>4</td> <td>4</td> <td>4</td> <td>4</td> </tr> <tr> <td>Parasitologists, \$3,000 to \$1,500</td> <td>3</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td>Bacteriologists, \$2,880 to \$2,500</td> <td>3</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td>Physiologists, \$3,000 to \$2,280</td> <td>2</td> <td>2</td> <td>1</td> <td>1</td> </tr> <tr> <td>Illustrator</td> <td>1,600.00</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>Inspectors, \$3,000 to \$1,200</td> <td>7</td> <td>7</td> <td>7</td> <td>7</td> </tr> <tr> <td>Chemist</td> <td>2,160.00</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>Pathologist</td> <td>2,820.00</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>Assistant</td> <td>1,560.00</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>Aids, \$1,200 to \$900</td> <td>2</td> <td>2</td> <td>2</td> <td>1</td> </tr> <tr> <td>Agent, collaborator, and cook, \$840 to \$1</td> <td>2</td> <td>2</td> <td>2</td> <td>3</td> </tr> <tr> <td>Wages:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Laborers, \$1,200 to \$600</td> <td>do.</td> <td>3</td> <td>3</td> <td>2</td> </tr> <tr> <td>Laborers</td> <td>per diem</td> <td>2.75</td> <td></td> <td></td> </tr> <tr> <td>Salaries</td> <td></td> <td>\$60,301.00</td> <td>\$55,061.00</td> <td>\$55,810.11</td> </tr> <tr> <td>Wages</td> <td></td> <td>3,000.00</td> <td>3,000.00</td> <td>2,060.75</td> </tr> <tr> <td>OTHER OBJECTS OF EXPENDITURE.</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stationery and office supplies</td> <td></td> <td>450.00</td> <td>450.00</td> <td>437.11</td> </tr> <tr> <td>Traveling expenses</td> <td></td> <td>10,300.00</td> <td>5,300.00</td> <td>5,276.22</td> </tr> <tr> <td>Equipment and material</td> <td></td> <td>11,510.00</td> <td>7,500.00</td> <td>6,736.47</td> </tr> <tr> <td>Telephone and telegraph service</td> <td></td> <td>225.00</td> <td>225.00</td> <td>221.52</td> </tr> <tr> <td>Miscellaneous items</td> <td></td> <td>33,114.00</td> <td>33,114.00</td> <td>24,148.35</td> </tr> <tr> <td>Total</td> <td></td> <td>118,900.00</td> <td>104,650.00</td> <td>94,690.53</td> </tr> </tbody> </table>	Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.	Salaries:		Number.	Number.	Number.	Superintendent of experiment station	\$4,000.00	1	1	1	Assistant superintendent	3,240.00	1	1	1	Chief of division	3,500.00	1	1	1	Zoologists, \$3,600 to \$1,500	4	4	4	4	Parasitologists, \$3,000 to \$1,500	3	3	2	2	Bacteriologists, \$2,880 to \$2,500	3	3	2	2	Physiologists, \$3,000 to \$2,280	2	2	1	1	Illustrator	1,600.00	1	1	1	Inspectors, \$3,000 to \$1,200	7	7	7	7	Chemist	2,160.00	1	1	1	Pathologist	2,820.00	1	1	1	Assistant	1,560.00	1	1	1	Aids, \$1,200 to \$900	2	2	2	1	Agent, collaborator, and cook, \$840 to \$1	2	2	2	3	Wages:					Laborers, \$1,200 to \$600	do.	3	3	2	Laborers	per diem	2.75			Salaries		\$60,301.00	\$55,061.00	\$55,810.11	Wages		3,000.00	3,000.00	2,060.75	OTHER OBJECTS OF EXPENDITURE.					Stationery and office supplies		450.00	450.00	437.11	Traveling expenses		10,300.00	5,300.00	5,276.22	Equipment and material		11,510.00	7,500.00	6,736.47	Telephone and telegraph service		225.00	225.00	221.52	Miscellaneous items		33,114.00	33,114.00	24,148.35	Total		118,900.00	104,650.00	94,690.53	510,000.00	
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For investigating the disease of hog cholera, and for its control or eradication by such means as may be necessary, including demonstrations, the formation of organizations, and other methods, either independently or in cooperation with farmers' associations, State or county authorities, \$510,000: <i>Provided</i> , That of said sum \$195,000 shall be available for expenditure in carrying out the provisions of the act approved Mar. 4, 1913, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous product manufactured in the United States and the importation of such products intended for use in the treatment of domestic animals: <i>And provided further</i> , That of said sum \$29,520 shall be available for researches concerning the cause, modes of spread, and methods of treatment and prevention of this disease (<i>same acts</i>)																																																																																																																																														

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 198.*General Expenses, Bureau of Animal Industry—Continued.*

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Chiefs of division, \$4,500 to \$3,000 per annum.		3	3	3
Assistant chief of division.....do.....	\$3,000.00	1	1	-----
Inspectors, \$3,360 to \$1,080.....do.....		189	189	148
Bacteriologists, \$3,000 to \$2,460.....do.....		2	2	1
Physiologist.....do.....	2,880.00	1	1	-----
Biochemist.....do.....	2,460.00	1	1	1
Illustrator.....do.....	1,600.00	1	1	-----
Librarian.....do.....	1,500.00	1	1	-----
Laboratory helpers.....do.....	1,200.00	2	2	-----
Clerks, \$1,020 to \$300.....do.....		4	4	-----
Collaborators, Inspectors, and charwoman, \$240 to \$5.....do.....		4	4	5
Wages:				
Laborers, \$1,050 to \$990.....do.....		1	1	2
Salaries.....		\$395,260.00	\$395,260.00	\$305,780.72
Wages.....		1,050.00	1,050.00	2,040.00
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		600.00	600.00	583.53
Traveling expenses.....		75,500.00	75,500.00	57,081.83
Equipment and material.....		7,500.00	7,500.00	6,467.45
Telephone and telegraph service.....		1,500.00	1,500.00	1,199.65
Miscellaneous items.....		28,590.00	23,590.00	15,840.07
Total.....		510,000.00	505,000.00	388,993.25

For all necessary expenses for the investigation, treatment, and eradication of dourine (*acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10; Mar. 3, 1891, vol. 26, pp. 883, 1089, sec. 1; May 9, 1902, vol. 32, pp. 193-197, sec. 1; Feb. 2, 1903, vol. 32, pp. 791, 792, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; Mar. 4, 1913, vol. 37, p. 832, sec. 1; Mar. 3, 1921, vol. 41, pp. 1317-1320, sec. 1*).....

\$50,000.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Inspectors, \$3,000 to \$1,200.....per annum.....		13	13	17
Agent.....do.....	\$1,500.00	1	1	-----
Salaries		\$28,200.00	\$28,200.00	\$33,621.04
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		14,100.00	14,100.00	15,680.52
Equipment and material.....		1,650.00	1,650.00	1,657.98
Telephone and telegraph service.....		50.00	50.00	43.96
Miscellaneous items.....		6,000.00	3,000.00	3,388.05
Total.....		50,000.00	47,000.00	54,391.55

For the construction of buildings at bureau experiment farm at Beltsville, Md. (submitted).....

14,600.00

Object of expenditure.	Estimated, 1923.	Estimated, 1922. ¹	Expended, 1921. ¹
Construction work.....	\$14,600.00	.....	.....

¹ No appropriation.

This construction work will consist of the following buildings:

Two silos, concrete, 14 feet in diameter by 40 feet high, at an estimated cost of \$1,000 each..	\$2,000
Sewage-disposal plant, consisting of concrete tanks and filter beds, at an estimated cost..	5,000
Shop and garage, two-story concrete, 34 by 48 feet, containing approximately 38,000 cubic feet, at 15 cents per cubic foot, estimated cost.....	5,200
Wagon shed, one-story concrete, 24 by 102 feet, containing approximately 24,000 cubic feet, at 10 cents per cubic foot, estimated cost.....	2,400

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.

Total amount to be appropriated under each head of appropriation.
Amount appropriated for the fiscal year ending June 30, 1922.

Budget, page 199.*General Expenses, Bureau of Animal Industry—Continued.*

For general administrative work, including traveling expenses and salaries of employees engaged in such work, rent outside of the District of Columbia, office fixtures and supplies, express, freight, telegraph, telephone, and other necessary expenses (*acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10; Mar. 3, 1891, vol. 26, pp. 883, 1089, sec. 1; May 9, 1902, vol. 32, pp. 193-197, sec. 1; Feb. 2, 1903, vol. 32, pp. 791, 792, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; Mar. 4, 1913, vol. 37, p. 832, sec. 1; Mar. 3, 1921, vol. 41, pp. 1317-1320, sec. 1*).....

\$26,686.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Assistant chief of bureau.....per annum..	\$4,500.00			1
Chief of division.....do.	2,500.00			1
Inspector.....do.	2,500.00	1	1	1
Clerks (temporary) \$1,800 to \$1,100.....do.		5	5	5
Wages:				
Laborers (temporary) \$960 to \$540	do.	4	4	.....
Salaries.....		\$7,500.00	\$7,500.00	\$5,943.54
Wages.....		1,500.00	1,500.00	.....
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		2,500.00	2,500.00	2,351.70
Traveling expenses.....		2,500.00	2,500.00	2,294.99
Equipment and material.....		4,500.00	4,500.00	4,509.45
Telephone and telegraph service.....		4,000.00	4,000.00	3,991.28
Miscellaneous items.....		4,186.00	3,086.00	4,468.61
Total.....		26,686.00	25,586.00	23,859.57

In all, for general expenses.....

\$4,560,466.00 \$4,524,346.00

Meat Inspection, Bureau of Animal Industry—

For additional expenses in carrying out the provisions of the meat-inspection act of June 30, 1906 (34 Stat., p. 674), as amended by the act of Mar. 4, 1907 (34 Stat., p. 1256), and as extended to equine meat by the act of July 24, 1919 (41 Stat., p. 241), including the purchase of tags, labels, stamps, and certificates printed in course of manufacture (*acts June 30, 1906, vol. 34, p. 674, sec. 1; Mar. 3, 1921, vol. 41, p. 1320, sec. 1*).....

891,180.00 891,180.00

Budget, page 873.**PERMANENT SPECIFIC APPROPRIATION.***Meat Inspection, Bureau of Animal Industry—*

There is permanently appropriated for each year \$3,000,000, for the expenses of the inspection of cattle, sheep, swine, and goats, and the meat and meat-food products thereof which enter into interstate or foreign commerce, and for all expenses necessary to carry into effect the provisions of the act relating to meat inspection. The Secretary of Agriculture is required, in his annual estimates made to Congress, to submit a statement in detail, showing the number of persons employed in such inspections and their salaries and expenses (*act June 30, 1906, vol. 34, pp. 674-679, secs. 1-22*).....

3,000,000.00 3,000,000.00

NOTE.—The detailed statement required by law has been submitted to Congress in a separate communication and will be printed as a public document.

Budget, page 199.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Chiefs of division, \$4,500 to \$3,740 per annum.....		2	2	1
Inspectors, \$3,780 to \$1,080.....do.		2,305	2,254	2,283
Pathologist.....do.	\$2,820.00			1
Editor.....do.	3,250.00	1	1	1
Law clerk, \$3,000 to \$2,750.....do.		1	1	1
Assistants, \$3,000 to \$1,260.....do.		7	7	7
Biochemists, \$3,000 to \$2,460.....do.		2	2	2
Expert in sanitation	2,500.00	1	1	1
Chemists, \$1,440 to \$1,320.....do.		1	1	2
Laboratorians, \$1,440 to \$1,380.....do.		3	3	3
Laboratory helpers, \$1,200 to \$480.....do.		2	2	2
Microscopist.....do.	1,200.00	1	1	1
Clerk.....do.	1,100.00			1
Charwoman janitor, \$480 to \$240.....do.		2	2	2
Wages:				
Foreman painter.....do.	1,200.00	1	1	.....
Laborers.....do.	600.00	2	2	3
Salaries.....		\$3,731,520.00	\$3,635,000.00	\$3,621,683.31
Wages.....		1,200.00	1,200.00	1,800.00
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		1,600.00	1,600.00	1,583.89
Traveling expenses.....		53,000.00	53,000.00	53,578.14
Equipment and material.....		53,000.00	53,000.00	53,799.77
Telephone and telegraph service.....		5,780.00	5,780.00	5,786.58
Miscellaneous items.....		45,080.00	40,500.00	34,600.66
Total.....		3,891,180.00	3,790,080.00	3,782,922.35

NOTE.—The above figures include expenditures from the permanent appropriation of \$3,000,000 for this purpose.

Total for Bureau of Animal Industry.....

9,105,796.00 9,070,576.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
BUREAU OF PLANT INDUSTRY.		
Budget, page 200.		
<i>Salaries, Bureau of Plant Industry—</i>		
Physiologist and pathologist, who shall be chief of bureau (increase of \$2,500) (<i>R. S.</i> , p. 87, secs. 520-523; <i>acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; Mar. 3, 1921, vol. 41, pp. 1320, 1321, sec. 1</i>).....	\$7,500.00	
Assistant to the chief (<i>same acts</i>).....	3,000.00	
Executive assistant (<i>submitted</i>).....	2,500.00	
Administrative assistant in seed and plant distribution, \$2,500. []		
Officer in charge of publications (increase of \$250) (<i>R. S.</i> , p. 87, secs. 520-523; <i>acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; Mar. 3, 1921, vol. 41, pp. 1320, 1321, sec. 1</i>).....	2,500.00	
Foreman of gardeners (<i>submitted</i>).....	1,800.00	
Landscape gardener, \$1,800. []		
Officer in charge of records, \$2,250. []		
<i>Executive clerks:</i>		
Five, at \$2,250 each (increase of 1) (<i>R. S.</i> , p. 87, secs. 520-523; <i>acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; Mar. 3, 1921, vol. 41, pp. 1320, 1321, sec. 1</i>).....	11,250.00	
Five, at \$1,980 each (<i>same acts</i>).....	9,900.00	
Seed inspector (<i>same acts</i>).....	1,000.00	
Seed warehouseman (<i>same acts</i>).....	1,400.00	
<i>Clerks:</i>		
Twelve of class 4 (<i>same acts</i>).....	21,600.00	
Eighteen of class 3 (<i>same acts</i>).....	28,800.00	
Ten, at \$1,500 each (<i>same acts</i>).....	15,000.00	
Thirty-one of class 2 (<i>same acts</i>).....	43,400.00	
One hundred and two of class 1 (increase of 10) (<i>same acts</i>).....	122,400.00	
Two, at \$1,100 each (<i>same acts</i>).....	2,200.00	
Five, at \$1,080 each. []		
Seven, at \$1,020 each. []		
Thirty, at \$1,000 each (<i>same acts</i>).....	30,000.00	
Two clerks or draftsmen, at \$1,200 each (<i>same acts</i>).....	2,400.00	
Artist (increase of \$420) (<i>same acts</i>).....	2,040.00	
<i>Clerks or artists:</i>		
One (<i>same acts</i>).....	1,400.00	
Two, at \$1,200 each (<i>same acts</i>).....	2,400.00	
<i>Laboratory aids:</i>		
Two, at \$1,440 each (<i>same acts</i>).....	2,880.00	
One (<i>same acts</i>).....	1,380.00	
Seven, at \$960 each (<i>same acts</i>).....	6,720.00	
Two, at \$900 each (<i>same acts</i>).....	1,800.00	
Six, at \$840 each (<i>same acts</i>).....	5,040.00	
Four laboratory aids or clerks, at \$1,200 each (<i>same acts</i>).....	4,800.00	
<i>Laboratory aids, clerks, or skilled laborers:</i>		
One (<i>same acts</i>).....	1,080.00	
Three, at \$1,020 each (<i>same acts</i>).....	3,060.00	
Map tracer or laboratory aid (<i>same acts</i>).....	900.00	
<i>Assistants in technology:</i>		
One (<i>same acts</i>).....	1,400.00	
One (<i>same acts</i>).....	1,380.00	
<i>Gardeners:</i>		
Two, at \$1,440 each (<i>same acts</i>).....	2,880.00	
Six, at \$1,200 each (<i>same acts</i>).....	7,200.00	
Eight, at \$1,100 each (<i>same acts</i>).....	8,800.00	
Twenty, at \$900 each (<i>same acts</i>).....	18,000.00	
Ten, at \$780 each (<i>same acts</i>).....	7,800.00	
General mechanic (<i>same acts</i>).....	1,400.00	
Mechanician (<i>same acts</i>).....	1,080.00	
<i>Mechanical assistants:</i>		
One (<i>same acts</i>).....	1,400.00	
One (<i>same acts</i>).....	1,200.00	
Teamster (<i>same acts</i>).....	840.00	
<i>Skilled laborers:</i>		
Three, at \$1,100 each (<i>same acts</i>).....	3,300.00	
One (<i>same acts</i>).....	960.00	
Two, at \$900 each (<i>same acts</i>).....	1,800.00	
Three, at \$840 each (<i>same acts</i>).....	2,520.00	
<i>Laborers:</i>		
One (<i>same acts</i>).....	780.00	
Eighty-eight, at \$720 each (<i>same acts</i>).....	63,360.00	
Seventeen messengers or laborers, at \$480 each (decrease of 5) (<i>same acts</i>).....	8,160.00	
<i>Messenger boys:</i>		
Five, at \$660 each (<i>same acts</i>).....	3,300.00	
Fourteen, at \$600 each (<i>same acts</i>).....	8,400.00	
Ten, at \$480 each (<i>same acts</i>).....	4,800.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.		
Budget, page 201. <i>Salaries, Bureau of Plant Industry</i> —Continued.				
Charwomen: Eleven, at \$480 each (<i>R. S.</i> , p. 87, secs. 520–523; <i>acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; Mar. 3, 1921, vol. 41, pp. 1320, 1321, sec. 1</i>).....	\$5,280.00			
Twenty-one, at \$240 each (<i>same acts</i>).....	5,040.00			
NOTE.—Actual increase, \$230. There is an increase in the salary of the chief of bureau from \$5,000 to \$7,500, one officer in charge of publications from \$2,250 to \$2,500, and one artist from \$1,620 to \$2,040. Thirteen new places with salaries aggregating \$18,550 have been added. Total increase, \$21,720. Twenty places with salaries totaling \$21,490 have been dropped. See introductory statement of Secretary of Agriculture.				
General Expenses, Bureau of Plant Industry — For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers, and for the erection of necessary farm buildings: <i>Provided</i> , That the cost of any building erected shall not exceed \$1,500; for field and station expenses, including fences, drains, and other farm improvements; for repairs in the District of Columbia and elsewhere; for rent outside of the District of Columbia; and for the employment of all investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigations, experiments, and demonstrations herein authorized, as follows (<i>acts Apr. 18, 1900, vol. 31, pp. 135, 136, secs. 1–5; Aug. 24, 1912, vol. 37, pp. 506, 507, secs. 1–4; Mar. 3, 1921, vol. 41, pp. 1321–1325, sec. 1</i>):				
For investigations of plant diseases and pathological collections, including the maintenance of a plant-disease survey, [§\$72,000] §\$82,000: <i>Provided</i> , That \$10,000 of this amount shall be used for research in brown-rot and kindred diseases of peach trees (<i>same acts</i>).....	82,000.00			
NOTE.—An increase of \$10,000 is requested to enable the department to investigate soft rots of vegetables in the hope of discovering methods of control through which the present annual losses from this cause may be materially reduced, which in some years, if estimated, have reached approximately one-half the crop.				
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Pathologist in charge.....per annum..	\$4,500.00	1	1	1
Pathologists, \$3,500 to \$1,620.....do.		11	9	7
Mycologists, \$2,400 to \$2,280.....do.		2	2	2
Scientific assistants, \$2,400 to \$1,440.....do.		9	9	10
Botanical translator.....do.	1,620.00	1	1	1
Assistant.....do.	1,500.00	1	1	1
Gardener.....do.	1,100.00	1	1	1
Agents.....do.	1,200.00	1	1	2
Mechanician.....do.	1,560.00	1	1	1
Field aid, messenger, and collaborators.....				
\$900 to \$1.....do.		250	250	69
\$100 to \$1.....per month.		1	1	49
Wages:				
Miscellaneous temporary labor—				
\$75 to \$50.....do.		2	2	1
\$3.50 to \$2.....per diem.				5
Salaries.....	\$57,505.00	\$54,773.00	\$47,598.34	
Wages.....	1,500.00	1,500.00	147.00	
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....	1,700.00	1,585.00	1,051.52	
Traveling expenses.....	7,250.00	4,700.00	4,566.97	
Equipment and material.....	8,130.00	2,570.00	3,511.68	
Miscellaneous items.....	7,915.00	6,872.00	6,066.14	
Total.....	82,000.00	72,000.00	62,941.65	
For the investigation of diseases of orchard and other fruits, [§\$80,935]: <i>Provided</i> , That \$8,000 of said amount shall be available for the investigation of including the diseases of the pecan, §\$87,935 (<i>same acts</i>).....				87,935.00
NOTE.—An increase of \$7,000. This increase is necessary for continuing investigations of the condition of fruits at shipping centers, in order that advice may be given market inspectors, shippers, producers, and other interested parties regarding various forms of decay and preventive measures. This work was inaugurated during the war under authority of the food products act and has proven to be of great practical value. The language of the paragraph is amended by omitting the proviso and substituting the clause "including the diseases of the pecan."				

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 202.*General Expenses, Bureau of Plant Industry—Continued.*

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Pathologist in charge.....per annum..	\$4,260.00	1	1	1
Pathologists, \$4,000 to \$2,040.....do.		16	16	15
Botanical artist, \$2,280 to \$2,040.....do.		1	1	1
Scientific assistants, \$1,800 to \$1,200.....do.				8
Chemical laboratorian.....do.	2,040.00	6	6	
Assistants, \$1,800 to \$1,200.....do.				3
Laboratorians, \$1,440 to \$900.....do.		2	2	
Laboratory aid.....do.	1,200.00	1	1	
Wages:				
Miscellaneous temporary labor—				
\$50 to \$1.....per month.		1	1	1
\$6 to \$1.50.....per diem.		1	1	9
\$0.75 to \$0.25.....per hour.		1	1	10
Salaries.....		\$56,400.00	\$54,180.00	\$57,784.53
Wages.....		2,602.00	2,602.00	564.48
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		900.00	800.00	770.10
Traveling expenses.....		16,000.00	12,540.00	7,543.80
Equipment and material.....		7,000.00	6,000.00	4,938.89
Telephone and telegraph service.....		600.00	500.00	
Miscellaneous items.....		4,433.00	4,313.00	9,963.11
Total.....		87,935.00	80,935.00	81,564.91

For conducting such investigations of the nature and means of communication of the disease of citrus trees known as citrus canker, and for applying such methods of eradication or control of the disease as in the judgment of the Secretary of Agriculture may be necessary, including the payment of such expenses and the employment of such persons and means, in the city of Washington and elsewhere, and cooperation with such authorities of the States concerned, organizations of growers, or individuals, as he may deem necessary to accomplish such purposes, [§79,720] \$30,000, and, in the discretion of the Secretary of Agriculture, no expenditures shall be made for these purposes until a sum or sums at least equal to such expenditures shall have been appropriated, subscribed, or contributed by State, county, or local authorities or by individuals or organizations for the accomplishment of such purposes: *Provided*, That no part of the money herein appropriated shall be used to pay the cost or value of trees or other property injured or destroyed (*acts Apr. 18, 1900, vol. 31, pp. 135, 136, secs. 1-5; Aug. 24, 1912, vol. 37, pp. 506, 507, secs. 1-4; Mar. 3, 1921, vol. 41, pp. 1321-1325, sec. 1*).....

\$30,000.00

NOTE.—There is a decrease in this item of \$49,720. This reduction is possible by reason of the favorable progress in eradicating the citrus canker from groves in the Gulf States.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Associate chief of bureau.....per annum..	\$4,500.00	1	1	1
Physiologists, \$3,500 to \$1,620.....do.		1	2	3
Plant breeder.....do.	2,280.00			1
Plant propagators.....do.	1,800.00	1	1	1
Botanical artist.....do.	4,200.00			1
Translator, \$1,620 to \$1,440.....do.			1	1
Assistants, \$2,400 to \$1,400.....do.		3	2	6
Agents, \$2,340 to \$1,320.....do.		10	25	24
Field assistants, agents, and col- laborators—				
\$750 to \$1.....do.		5	5	2
\$62.50 to \$1.....per month.		1	1	5
\$10.50 to \$3.66.....per diem.		30	56	47
\$0.50 to \$0.25.....per hour.				3
Wages:				
Miscellaneous temporary labor—				
\$900 to \$180.....per annum.				2
\$6.72 to \$1.50.....per diem.				41
Salaries.....		\$20,100.00	\$46,020.00	\$79,386.34
Wages.....				1,390.57
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		400.00	500.00	196.99
Traveling expenses.....		7,000.00	14,000.00	17,910.37
Equipment and material.....		1,000.00	2,000.00	2,778.08
Telephone and telegraph service.....		200.00	200.00	
Miscellaneous items.....		1,300.00	2,000.00	7,283.21
Total.....		30,000.00	64,720.00	108,945.56

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.

Total amount to be appropriated under each head of appropriation.

Amount appropriated for the fiscal year ending June 30, 1922.

Budget, page 203.*General Expenses, Bureau of Plant Industry—Continued.*

For the investigation of diseases of forest and ornamental trees and shrubs, including a study of the nature and habits of the parasitic fungi causing the chestnut-tree bark disease, the white-pine blister rust, and other epidemic tree diseases, for the purpose of discovering new methods of control and applying methods of eradication or control already discovered (*acts Apr. 18, 1900, vol. 31, pp. 135, 136, secs. 1-5; Aug. 24, 1912, vol. 37, pp. 506, 507, secs. 1-4; Mar. 3, 1921, vol. 41, pp. 1321-1325, sec. 1*).....

\$81,115.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Pathologist in charge.....per annum..	\$4,000.00	1	1	1
Pathologists, \$3,600 to \$2,040.....do.....	15	15	15	14
Physiologist.....do.....	1	1	1	1
Assistants, \$2,500 to \$1,200.....do.....	8	9	9	9
Scientific assistant.....do.....	1,800.00	1	1	1
Superintendent.....do.....	1,620.00	2	2	2
Inspector.....do.....	1,360.00	.....	.....	1
Clerk.....do.....	1,080.00	.....	.....	1
Assistants, student assistants, and collaborators.....do.....	1.00	.....	.....	6
Assistants, student assistants, and collaborators, \$70 to \$1.....per month.....	.....	8	8	2
Wages:				
Miscellaneous temporary labor.....do.....	75.00	1	1	1
\$6.25 to \$3.....per diem.....	.....	.....	.....	5
\$1.50 to \$0.50.....per hour.....	.....	.....	.....	7
Salaries.....		\$61,100.00	\$61,100.00	\$55,421.89
Wages.....		400.00	400.00	639.50
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....	600.00	600.00	600.00	684.71
Traveling expenses.....	17,015.00	17,015.00	17,015.00	9,641.68
Equipment and material.....	1,400.00	1,400.00	1,400.00	7,245.29
Telephone and telegraph service.....	300.00	300.00	300.00	.....
Miscellaneous items.....	300.00	300.00	300.00	8,511.87
Total.....		81,115.00	81,115.00	82,144.94

For applying such methods of eradication or control of the white-pine blister rust as in the judgment of the Secretary of Agriculture may be necessary, including the payment of such expenses and the employment of such persons and means in the city of Washington and elsewhere, in cooperation with such authorities of the States concerned, organizations, or individuals as he may deem necessary to accomplish such purposes, \$100,000, and in the discretion of the Secretary of Agriculture no expenditures shall be made for these purposes until a sum or sums at least equal to such expenditures shall have been appropriated, subscribed, or contributed by States, county, or local authorities, or by individuals or organizations for the accomplishment of such purposes: *Provided*, That no part of the money herein appropriated shall be used to pay the cost or value of trees or other property injured or destroyed (*same acts*).....

100,000.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Pathologist in charge.....per annum..	\$4,000.00	1	1	1
Pathologists, \$2,520 to \$1,620.....do.....	7	7	7	5
Scientific assistant.....do.....	1,800.00	1	1	.....
Assistants, \$2,700 to \$1,200.....do.....	19	20	20	28
Agents—				
\$2,000 to \$1,500.....do.....	7	9	9	14
\$4.40 to \$4.....per diem.....	1	2	2	.....
Assistants, agents, messengers, janitress, and collaborator.....per annum.....	1.00	.....	.....	.....
Do.....per month.....	9.00	7	7	6
Do.....per diem.....	6 to 4	.....	1	.....
Wages:		.....	.....	28
Miscellaneous temporary labor—				
\$90 to \$60.....per month.....	.....	.....	.....	7
\$5.04 to \$2.....per diem.....	.....	.....	.....	133
\$0.63 to \$0.25.....per hour.....	.....	.....	.....	212
Salaries.....		\$61,478.00	\$62,949.00	\$73,711.17
Wages.....		.....	.....	48,680.28
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....	1,200.00	1,200.00	1,200.00	1,426.87
Traveling expenses.....	31,900.00	30,250.00	30,250.00	32,934.50
Equipment and material.....	1,600.00	1,600.00	1,600.00	32,423.70
Telephone and telegraph service.....	800.00	900.00	900.00	.....
Miscellaneous items.....	3,222.00	3,101.00	3,101.00	25,519.37
Total.....		100,000.00	100,000.00	214,695.89

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 204.*General Expenses, Bureau of Plant Industry—Continued.*

For the investigation of diseases of cotton, potatoes, truck crops, forage crops, drug and related plants, [§\$100,000] \$117,000 (acts Apr. 18, 1900, vol. 31, pp. 135, 136, secs. 1-5; Aug. 24, 1912, vol. 37, pp. 506, 507, secs. 1-4; Mar. 3, 1921, vol. 41, pp. 1321-1325, sec. 1)..... \$117,000.00

NOTE.—An increase of \$17,000 as follows:

(a) \$7,200 for investigations of diseases affecting the tomato. Commercial tomato growing in the Eastern States is seriously threatened. Reduced yields have made the industry unprofitable. These reduced yields are due in part to a cultural problem, but more largely due to such diseases as wilt and leafspot, which are regarded as possible of solution.

(b) \$3,000 for enlarging investigations in bean diseases. This will include the maintenance of a bean field station, the continued breeding of disease-resistant varieties of beans, the enlargement of cooperative work with the States and with other organizations, and the growing and distribution of resistant or disease-free strains of beans which are not commercially available to bean growers.

(c) \$4,800 for enlarging investigations of diseases causing losses during storage and marketing. Diseases have been studied in the field with reference to the problems of production, but not enough has been done to safeguard products against spoilage while en route to the consumer.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Pathologist in charge..... per annum..	\$4,260.00	1	1	1
Pathologists, \$3,760 to \$2,040..... do.....		20	20	20
Physiologists, \$3,000 to \$2,400	do.....	2	1	1
Scientific assistants, \$1,860 to \$1,800..... do.....		2	2	2
Assistant..... do.....	1,400.00	1	1	1
Laboratory aid..... do.....	900.00	2	2	—
Assistants and collaborators..... do.....	12.00	2	2	5
Wages:				
Miscellaneous temporary labor—				
\$125 to \$50..... per month..		1	1	5
\$8 to \$1.50..... per diem..		1	1	5
\$0.72 to \$0.35..... per hour..				13
Salaries.....	\$76,542.00	\$69,900.00	\$60,516.38	
Wages.....	3,480.00	3,480.00	1,297.16	
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		1,500.00	800.00	1,741.23
Traveling expenses.....		17,300.00	13,500.00	10,333.74
Equipment and material.....		8,400.00	3,550.00	5,930.51
Telephone and telegraph service.....		700.00	350.00	—
Miscellaneous items.....		9,078.00	8,420.00	16,653.87
Total.....		117,000.00	100,000.00	96,472.89

For investigating the physiology of crop plants and for testing and breeding varieties thereof (*same acts*).....

56,860.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Physiologist in charge..... per annum..	\$4,500.00	1	1	1
Physiologist, \$3,500 to \$2,160..... do.....		1	1	2
Arboriculturists, \$3,500 to \$2,160..... do.....		2	1	1
Assistants, \$3,240 to \$1,200..... do.....		6	6	8
Indexer and translator..... do.....	1,800.00	1	1	2
Agent..... do.....	1,200.00			1
Agents, translators, and collaborators—				
\$920 to \$1..... per annum..				10
\$75 to \$1..... per month..				3
\$5..... per diem..		2	2	—
\$0.60 to \$0.50..... per hour..				2
Wages:				
Miscellaneous temporary labor—				
\$900..... per annum..		2	2	—
\$100..... per month..		2	2	2
\$8 to \$2..... per diem..		2	2	13
\$1 to \$0.50..... per hour..				4
Salaries.....	\$30,994.00	\$23,474.00	\$28,228.23	
Wages.....	3,600.00	2,400.00	1,511.25	
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		2,800.00	1,810.00	1,556.97
Traveling expenses.....		11,000.00	14,000.00	2,582.11
Equipment and material.....		4,000.00	6,600.00	2,699.94
Telephone and telegraph service.....		250.00	250.00	—
Miscellaneous items.....		4,216.00	8,326.00	10,656.64
Total.....		56,860.00	56,860.00	47,235.14

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 205.*General Expenses, Bureau of Plant Industry—Continued.*

For soil-bacteriology and plant-nutrition investigations, including the testing of samples, procured in the open market, of cultures for inoculating legumes, and if any such samples are found to be impure, nonviable, or misbranded, the results of the tests may be published, together with the names of the manufacturers and of the persons by whom the cultures were offered for sale (*acts Apr. 18, 1900, vol. 31, pp. 135, 136, secs. 1-5; Aug. 24, 1912, vol. 37, pp. 506, 507, secs. 1-4; Mar. 3, 1921, vol. 41, pp. 1321-1325, sec. 1*)..... \$50,000.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Physiologists, \$3,760 to \$2,280....per annum.		3	3	6
Soil biologist.....do.....	\$3,500.00	1	1	-----
Soil mycologist.....do.....	3,000.00	1	1	1
Bacteriologists, \$3,500 to \$2,280.....do.....	-----	1	1	1
Scientific assistants, \$2,280 to \$1,740.....do.....	-----	2	2	4
Chemist.....do.....	1,620.00	-----	-----	1
Assistant.....do.....	1,100.00	-----	-----	1
Laboratory aids, \$1,260 to \$1,080.....do.....	-----	1	1	3
Collaborator.....per month.....	1.00	-----	-----	1
Wages:				
Miscellaneous temporary labor—				
\$600.....per annum.....				1
\$80.....per month.....				1
Salaries.....		\$31,250.00	\$31,250.00	\$29,790.86
Wages.....				241.92
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		2,060.00	2,060.00	724.28
Traveling expenses.....		5,000.00	5,000.00	1,896.90
Equipment and material.....		9,832.00	9,832.00	2,271.56
Miscellaneous items.....		1,858.00	1,858.00	4,594.89
Total.....		50,000.00	50,000.00	39,520.41

For soil-fertility investigations into organic causes of infertility and remedial measures, maintenance of productivity, properties and composition of soil humus, and the transformation and formation of soil humus by soil organisms, (*same acts*).....

45,060.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Biochemist in charge.....per annum.....	\$1,000.00	1	1	1
Biochemists, \$3,240 to \$1,620.....do.....	-----	10	10	8
Scientific assistants, \$1,500 to \$1,440.....do.....	-----	-----	-----	2
Gardener.....do.....	1,350.00	1	1	1
Agent.....per diem.....	8.00	1	1	1
Wages:				
Miscellaneous temporary labor—				
\$600.....per annum.....				1
\$1.50.....per diem.....				1
Miscellaneous temporary labor—				
\$0.30 to \$0.25.....per hour.....				2
Salaries.....		\$30,160.00	\$30,160.00	\$23,995.00
Wages.....				657.65
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		150.00	150.00	348.03
Traveling expenses.....		5,000.00	5,000.00	3,571.16
Equipment and material.....		4,420.00	4,420.00	3,191.77
Telephone and telegraph service.....		90.00	-----	-----
Miscellaneous items.....		5,240.00	5,330.00	13,658.15
Total.....		45,060.00	45,060.00	45,421.76

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 206.*General Expenses, Bureau of Plant Industry—Continued.*

For acclimatization and adaptation investigations of cotton, corn, and other crops introduced from tropical regions, and for the improvement of cotton and other fiber plants by cultural methods, breeding, and selection, and for determining the feasibility of increasing the production of hard fibers outside of the continental United States, [§120,000] \$112,500: Provided, That not more than \$7,500 of this sum may be used for experiments in cottonseed interbreeding (*acts Apr. 18, 1900, vol. 31, pp. 135, 136, secs. 1-5; Aug. 24, 1912, vol. 37, pp. 506, 507, secs. 1-4; Mar. 3, 1921, vol. 41, pp. 1321-1325, sec. 1*) \$112,500.00

NOTE.—A decrease of \$7,500. Expenditures for the current fiscal year have been curtailed by a similar amount, and it is thought that work during the fiscal year 1923 may be prosecuted on the same basis.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Biochemist in charge..... per annum.....	\$4,500.00	1	1	1
Botanists, \$3,760 to \$2,520..... do.....	.....	2	2	4
Specialists, \$3,500 to \$2,520..... do.....	.....	2	2	1
Biochemists..... do.....	2,760.00	.....	.....	1
Agriculturist..... do.....	2,500.00	.....	.....	1
Superintendent..... do.....	1,800.00	1	1	1
Assistants, \$2,520 to \$1,020..... do.....	.....	18	17	13
Laboratory helpers, \$1,440 to \$1,080..... do.....	.....	1	1	2
Agents, \$1,667 to \$1,620..... do.....	.....	2	2	2
Translator..... do.....	1,200.00	.....	.....	1
Clerk..... do.....	1,100.00	.....	.....	1
Agents and collaborators—				
\$500 to \$1..... do.....	.....	3	3	3
\$25 to \$1..... per month.....	.....	1	1	3
\$0.65..... per hour.....	.....	1	1	1
Wages:				
Miscellaneous temporary labor—				
\$900 to \$720..... per annum.....	.....	2	2	.....
\$90 to \$60..... per month.....	.....	.....	.....	9
\$11 to \$0.75..... per diem.....	.....	13	15	59
\$0.75 to \$0.50..... per hour.....	.....	10	10	17
Salaries.....	\$54,621.00	\$54,621.00	\$54,728.29	
Wages.....	2,400.00	2,400.00	4,221.27	
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....	1,650.00	1,650.00	1,136.66	
Traveling expenses.....	23,000.00	23,000.00	15,171.31	
Equipment and material.....	16,700.00	16,700.00	5,963.75	
Miscellaneous items.....	14,129.00	14,129.00	12,376.31	
Total.	112,500.00	112,500.00	93,597.59	

For the investigation, testing, and improvement of plants yielding drugs, spices, poisons, oils, and related products and by-products and for general physiological and fermentation investigations (*same acts*)

39,820.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Physiologist in charge..... per annum.....	\$4,000.00	1	1	1
Physiologists, \$3,760 to \$2,400..... do.....	.....	2	2	3
Botanist..... do.....	2,400.00	1	1	1
Technologist..... per month.....	275.00	.....	.....	1
Pathologist..... per annum.....	1,800.00	.....	.....	1
Chemists, \$3,000 to \$2,280..... do.....	.....	2	2	3
Biologists, \$3,000 to \$2,500..... do.....	.....	3	3	3
Expert..... do.....	3,000.00	1	1	1
Laboratorians, \$1,740 to \$1,500..... do.....	.....	2	2	1
Plant microchemist, engineer, gashdenner, agent, and collaborator, \$900 to \$1..... per annum.....	.....	1	1	7
Salaries.....	\$34,320.00	\$34,320.00	\$30,627.88	
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....	200.00	200.00	593.78	
Traveling expenses.....	2,600.00	2,600.00	2,487.90	
Equipment and material.....	1,350.00	1,350.00	2,018.46	
Telephone and telegraph service.....	75.00	75.00	.....
Miscellaneous items.....	1,275.00	1,275.00	3,309.10	
Total.	39,820.00	39,820.00	39,237.12	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 207.*General Expenses, Bureau of Plant Industry—Continued.*

For crop technological investigations, including the study of plant-infesting nematodes, [§24,940] §32,440 (acts Apr. 18, 1900, vol. 31, pp. 135, 136, secs. 1-5; Aug. 24, 1912, vol. 37, pp. 506, 507, secs. 1-4; Mar. 3, 1921, vol. 41, pp. 1321-1325, sec. 1)..... \$32,440.00

NOTE.—An increase of \$7,500, to permit studies of the gallworm and other plant-infesting nematodes which are coming to be recognized as serious plant pests. The gallworm causes heavy losses in the production of cotton and other southern crops, while the sugar beet nematode is becoming a limiting factor in the production of sugar beets in many areas. In addition a new clover disease has recently been discovered in the Northwest which seriously menaces the crop in that section.

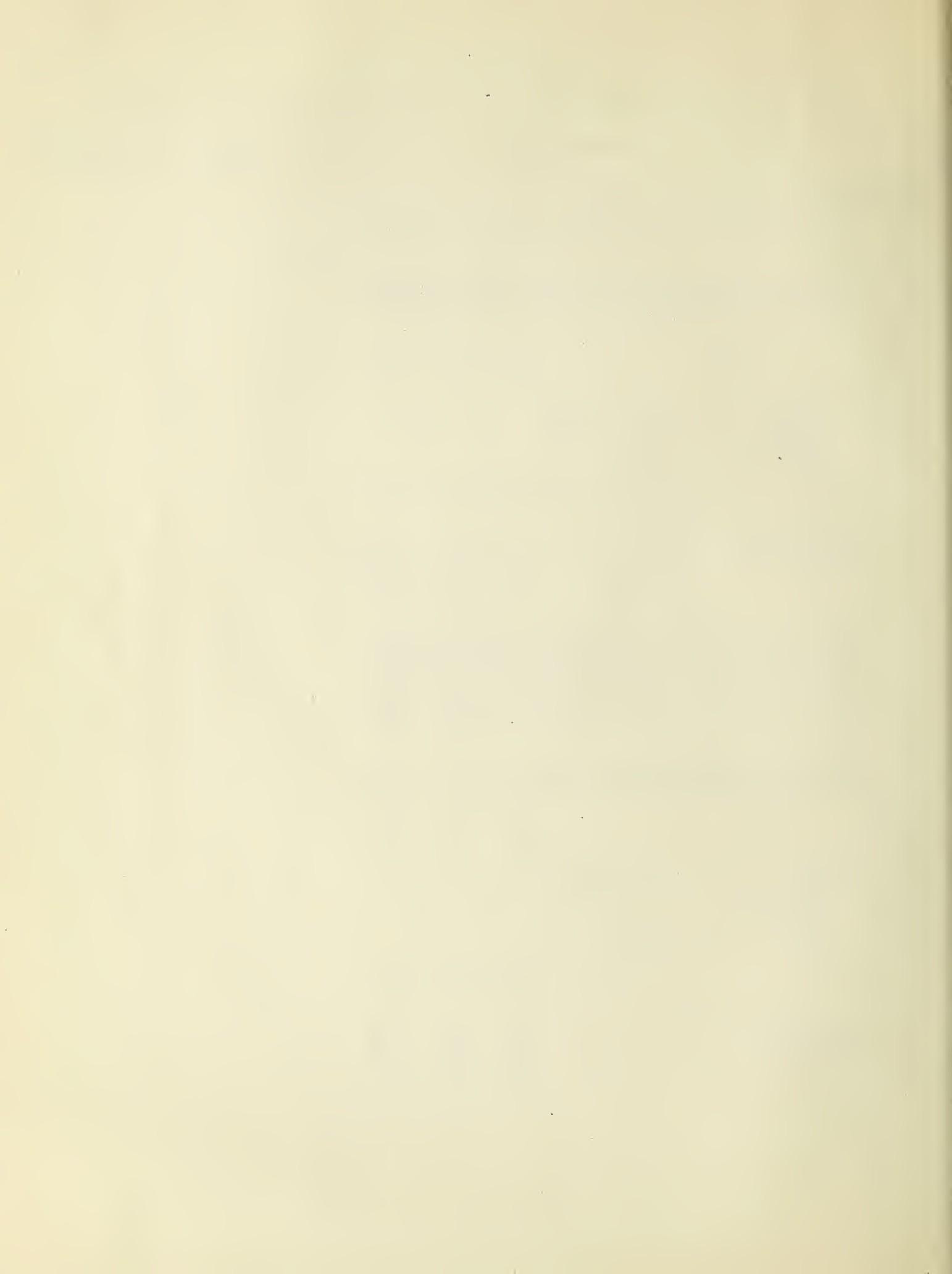
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Technologist in charge.....per annum..	\$4,260.00	1	1	1
Technologist.....do.....	3,000.00	1		
Morphologist.....do.....	2,500.00	1		
Nematologist.....do.....	2,400.00	3		
Pathologist.....do.....	2,160.00	1	1	1
Assistants—				
\$2,040 to \$1,200.....do.....		4	4	7
\$200.....per month.....				1
Collaborator.....per annum.....	1.00	1	1	1
Salaries.....		\$20,900.00	\$13,000.00	\$13,297.67
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		200.00	200.00	357.64
Traveling expenses.....		5,000.00	4,600.00	84.44
Equipment and material.....		1,720.00	4,580.00	5,262.60
Miscellaneous items.....		4,620.00	2,560.00	5,566.71
Total.....		32,440.00	24,940.00	24,569.06

For studying and testing commercial seeds, including the testing of samples of seeds of grasses, clover, or alfalfa, and lawn-grass seeds secured in the open market, and where such samples are found to be adulterated or misbranded the results of the tests shall be published, together with the names of the persons by whom the seeds were offered for sale, and for carrying out the provisions of the act approved Aug. 24, 1912, entitled "An act to regulate foreign commerce by prohibiting the admission into the United States of certain adulterated grain and seeds unfit for seeding purposes" (Thirty-seventh Statutes at Large, page 506), [§41,680] §44.680 (same acts).....

44,680.00

NOTE.—An increase of \$3,000. Every shipment of seed subject to the seed importation act of August 24, 1912, is sampled by customs officials at the port of entry. If the increase requested is allowed, it will be possible to employ a permanent assistant for duty at the port of New York to take active charge of the sampling and related activities requisite to the enforcement of the act.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Botanist in charge.....per annum..	\$4,260.00	1	1	1
Botanists.....do.....	2,400.00	2	2	2
Assistant.....do.....	3,000.00	1		
Pathologist.....do.....	2,160.00	1	1	1
Scientific assistants—				
\$2,040 to \$1,200.....do.....		12	12	14
\$85.....per month.....				1
Clerk.....per annum.....	1,200.00			1
Collaborators—				
\$12 to \$1.....do.....				1
\$0.60.....per hour.....		65	65	65
Salaries.....		\$32,400.00	\$29,400.00	\$27,632.11
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		3,000.00	3,000.00	647.25
Traveling expenses.....		2,500.00	2,500.00	5,208.29
Equipment and material.....		500.00	500.00	2,765.67
Telephone and telegraph service.....		750.00	750.00	
Miscellaneous items.....		5,530.00	5,530.00	3,815.47
Total.....		44,680.00	41,680.00	40,068.79



Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 208.*General Expenses, Bureau of Plant Industry—Continued.*

For the investigation and improvement of cereals, *including corn*, and methods of cereal production, and for the study and control of cereal diseases, *including barberry eradication*, and for the investigation of the cultivation and breeding of flax for seed purposes, including a study of flax diseases, and for the investigation and improvement of broom corn and methods of broom-corn production. [§379,705] §393,705 [Provided, That \$50,000 shall be set aside for the investigation and control of the diseases of wheat, oats, and barley known as black rust, leaf rust, and stripe rust: Provided also, That \$147,200 shall be set aside for the location of and destruction of the barberry bushes and other vegetation from which such rust spores originate: Provided further, That not less than \$20,000 shall be used for investigating the wheat scab or blight] (acts Apr. 18, 1900, vol. 31, pp. 135, 136, secs. 1-5; Aug. 24, 1912, vol. 37, pp. 506, 507, secs. 1-4; Mar. 3, 1921, vol. 41, pp. 1321-1325, sec. 1)..... \$393,705.00

NOTE.—A increase of \$14,000 which it is proposed to use, in addition to a similar amount now devoted to cereal diseases, for restoring agronomic investigations to approximately their prewar level. During the fiscal year 1921 the appropriation for this item, exclusive of the amounts set aside by provisos for specific lines of investigations, was reduced 20 per cent, decreasing the total from \$140,000 to \$112,000.

The language of the paragraph has been changed by omitting the various limiting provisos.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Cerealist in charge.....per annum.....	\$1,260.00	1	1	1
Agronomists, \$4,000 to \$2,400.....do.....		17	15	15
Pathologists, \$3,600 to \$1,800.....do.....		9	9	7
Assistants, \$2,960 to \$1,020.....do.....		118	114	152
Scientific assistants, \$2,040 to \$1,000.....do.....		10	10	-----
Agents, \$3,000 to \$1,000.....do.....		21	21	11
Superintendent.....do.....	2,460.00	1	1	1
Artist (botanical).....do.....	1,440.00	1	1	-----
Teamster.....do.....	1,200.00	1	1	-----
Clerks, \$1,980 to \$1,000.....do.....		7	7	11
Assistants, agents, messengers, translators, collaborators, and caretakers, \$900 to \$1.....do.....				36
Wages:				
Miscellaneous temporary labor—				
\$1,620 to \$720.....do.....		5	5	61
\$7.50 to \$1.92.....per diem.....		90	80	216
Salaries.....	\$242,964.00	\$217,124.00	\$214,937.49	
Wages.....	12,000.00	10,000.00	12,059.89	
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		6,600.00	8,600.00	5,279.90
Traveling expenses.....		100,500.00	89,500.00	91,664.10
Equipment and material.....		13,000.00	14,000.00	12,395.03
Telephone and telegraph service.....		2,160.00	4,000.00	-----
Miscellaneous items.....		16,481.00	16,481.00	22,032.97
Total.....	393,705.00	359,705.00	358,369.38	

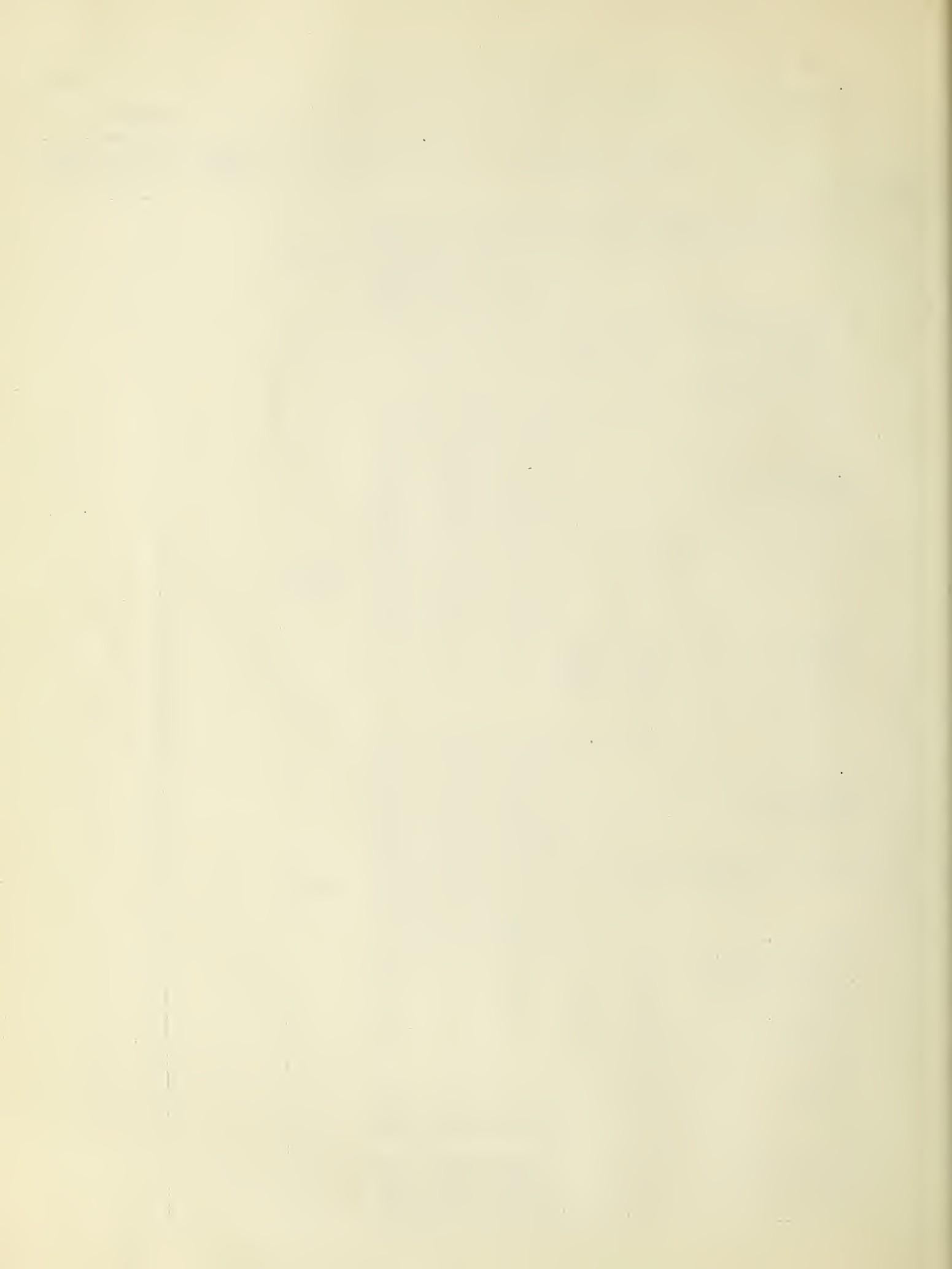
To enable the Secretary of Agriculture to meet the emergency caused by the existence in the United States of flag smut of wheat, take-all, helminthosporium, and other destructive soil and seed-infecting diseases of wheat and of other cereals, [there is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, \$30,000] \$25,000, to be used in cooperation with the plant disease survey, investigation, and control authorities of the several States to prevent the further spread of and to eradicate or control these diseases (*same acts*)..... 25,000.00

NOTE.—There is a decrease in the amount of this item of \$5,000. Unless new and unusual cereal diseases develop the reduced appropriation requested will be sufficient for continuing the work on an effective basis during the ensuing fiscal year.

Employees.	Rate.	Estimate 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Pathologist—				
\$2,040 to \$1,400.....per annum.....		1	1	2
\$260.....per month.....				1
Assistants				
\$2,400 to \$1,200.....per annum.....		5	5	9
\$375 to \$125.....per month.....		2	2	8
Agent.....	\$1,320			1
Clerks, \$1,400 to \$1,200.....do.....		5	5	4
Clerks, agents, assistants, and collaborators, \$1,500 to \$750.....do.....		2	2	3
Wages:				
Miscellaneous temporary labor—				
\$1,200 to \$840.....per annum.....		1	1	3
\$7.50 to \$2.80.....per diem.....				37
Salaries.....	\$17,335.00	\$19,660.00	\$27,725.28	
Wages.....	840.00	840.00	2,883.86	
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		50.00	650.00	902.53
Traveling expenses.....		4,500.00	5,000.00	8,135.23
Equipment and material.....		800.00	1,300.00	5,249.26
Miscellaneous items.....		1,475.00	2,550.00	4,912.02
Total.....	25,000.00	30,000.00	49,808.18	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

					Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.						
Budget, page 209.						
<i>General Expenses, Bureau of Plant Industry—Continued.</i>						
For the investigation and improvement of tobacco and the methods of tobacco production and handling (<i>acts Apr. 18, 1900, vol. 31, pp. 135, 136, secs. 1-5; Aug. 24, 1912, vol. 37, pp. 506, 507, secs. 1-4; Mar. 3, 1921, vol. 41, pp. 1321-1325, sec. 1</i>)..					\$41,000.00	
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.		
Salaries:		Number.	Number.	Number.		
Physiologist in charge.....per annum..	\$3,760.00	1	1	1		
Technologist, \$2,520 to \$1,800.....do.....	2	2	2	2		
Physiologist, \$2,460 to \$2,280.....do.....	1	1	1	2		
Assistant, \$2,240 to \$1,200.....do.....	9	9	9	9		
Biological chemist.....do.....	1,620.00	1	1	1		
Laboratory aid.....do.....	1,200.00			1		
Agents, \$1,380 to \$1,000.....do.....		2	2	3		
Agents and collaborators, \$900 to \$1,200.....do.....		3	3	3		
Wages:						
Miscellaneous temporary labor— \$90 to \$60.....per month..		4	4	4		
Salaries.....		\$27,265.00	\$27,385.00	\$25,713.22		
Wages.....		1,140.00	1,140.00	4.50		
OTHER OBJECTS OF EXPENDITURE.						
Stationery and office supplies.....		250.00	250.00	402.28		
Traveling expenses.....		4,400.00	4,400.00	1,719.97		
Equipment and material.....		6,800.00	6,780.00	1,313.21		
Telephone and telegraph service.....		45.00	45.00			
Miscellaneous items.....		1,100.00	1,000.00	2,477.72		
Total.....		41,000.00	41,000.00	31,630.90		
For the breeding and physiological study of alkali-resistant and drought-resistant crops (<i>same acts</i>).....					20,080.00	
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.		
Salaries:		Number.	Number.	Number.		
Physiologist in charge.....per annum..	\$3,760.00	1	1	1		
Agronomist.....do.....	3,000.00			1		
Biochemist.....do.....	2,760.00	1	1	1		
Assistant, \$1,620 to \$1,200.....do.....		8	7	8		
Mechanician.....do.....	1,560.00	1		1		
Gardener.....do.....	1,200.00		1	1		
Assistants, \$75 to \$50.....per month..		2	2	2		
Wages:						
Miscellaneous temporary labor— \$100 to \$75.....do.....		9	10	10		
\$3.50 to \$2.....per diem..		7	6	7		
Salaries.....		\$10,540.00	\$11,340.00	\$13,476.90		
Wages.....		1,300.00	400.00	247.83		
OTHER OBJECTS OF EXPENDITURE.						
Stationery and office supplies.....		500.00	500.00	206.04		
Traveling expenses.....		3,900.00	3,900.00	3,477.62		
Equipment and material.....		800.00	800.00	1,000.06		
Miscellaneous items.....		3,040.00	3,140.00	1,467.99		
Total.....		20,080.00	20,080.00	19,876.44		
For sugar-plant investigations, including studies of diseases and the improvement of sugar beets and sugar-beet seed (<i>same acts</i>).....					94,115.00	
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.		
Salaries:		Number.	Number.	Number.		
Pathologist in charge.....per annum..	\$3,760.00	1	1	1		
Pathologists, \$3,000 to \$2,040.....do.....	5	5	5	3		
Agriculturists, \$2,760 to \$1,800.....do.....	4	4	4	3		
Technologists, \$2,500 to \$2,400.....do.....	2	2	2	2		
Plant breeders, \$2,400 to \$2,040.....do.....	3	3	3	2		
Assistants, \$2,040 to \$900.....do.....	6	9	13			
Chemist.....do.....	2,400.00	1	1	1		
Aerobiologist.....do.....	2,500.00	1	1			
Agents, \$150 to \$100.....per month..		2	2	1		
Clerks and collaborators— \$1,020 to \$1.....per annum..		7	7	20		
\$4.....per diem..				3		
Wages:						
Miscellaneous temporary labor— \$125 to \$15.....per month..		14	14	12		
\$8 to \$0.80.....per diem..				130		
Salaries.....		\$47,721.00	\$47,721.00	\$51,159.68		
Wages.....		5,040.00	5,040.00	3,102.91		
OTHER OBJECTS OF EXPENDITURE.						
Stationery and office supplies.....		2,500.00	2,500.00	1,074.94		
Traveling expenses.....		25,000.00	24,000.00	17,659.37		
Equipment and material.....		8,000.00	8,000.00	7,754.10		
Telephone and telegraph service.....		600.00	600.00			
Miscellaneous items.....		5,254.00	6,254.00	13,208.27		
Total.....		94,115.00	94,115.00	93,959.27		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 210.*General Expenses, Bureau of Plant Industry—Continued.*

For investigation, improvement, and utilization of wild plants and grazing lands, and for determining the distribution of weeds and means of their control (*acts Apr. 18, 1900, vol. 31, pp. 135, 136, secs. 1-5; Aug. 24, 1912, vol. 37, pp. 506, 507, sec. 1-4; Mar. 3, 1921, vol. 41, pp. 1321-1325, sec. 1*)..... \$27,200.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Botanist in charge.....per annum.....	\$4,500.00	1	1	1
Agrostologist.....do.....	3,760.00	1	1	1
Botanist.....do.....	3,600.00	1	1	1
Assistant, \$2,220 to \$1,020.....do.....		4	4	6
Agronomist.....do.....	1,980.00	1	1	1
Artist.....per hour.....	.75			1
Salaries.....		\$19,240.00	\$19,240.00	\$17,750.24
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		750.00	750.00	232.71
Traveling expenses.....		2,600.00	2,600.00	572.18
Equipment and material.....		1,850.00	1,850.00	1,116.15
Telephone and telegraph service.....		65.00	65.00	
Miscellaneous items.....		2,695.00	2,695.00	1,860.39
Total.....		27,200.00	27,200.00	21,531.67

For the investigation and improvement of methods of crop production under subhumid, semiarid, or dry-land conditions, [§169,000] §175,000: *Provided, That the limitation in this act as to the cost of farm buildings shall not apply to this paragraph: Provided further, That no part of this appropriation shall be used in the free distribution, or propagation for free distribution, of cuttings, seedlings, or trees of willow, box elder, ash, caragana, or other common varieties of fruit, ornamental, or shelter-belt trees in the Northern Great Plains area, except for experimental or demonstration purposes in the States of North and South Dakota west of the one hundredth meridian, and in Montana and Wyoming east of the five thousand-foot contour line (same acts).....*

175,000.00

NOTE.—An increase of \$6,000. The Office of Dry Land Agriculture operates 9 independent field stations. Owing to the high cost of labor and materials of all kinds for the past 4 years, very few repairs or replacements have been made. The replacement of horses and implements and repairs to buildings and equipment at 9 farms which have been in operation for an average period of 9 years will require at least \$6,000.

The language of the paragraph has been amended by adding a proviso excluding this item from the \$1,500 limitation on the cost of farm buildings which applies to all the items under "General Expenses, Bureau of Plant Industry," unless specifically excepted.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Agriculturist in charge.....per annum.....	\$4,500.00	1	1	1
Agriculturist.....do.....	3,500.00	2	2	2
Farm superintendent, \$3,500 to \$2,280.....do.....		1	1	2
Agent, \$2,200 to \$1,800.....do.....		3	3	5
Arboriculturist, \$2,280 to \$2,040.....do.....		2	2	
Physiologist.....do.....	2,280.00	1	1	1
Assistant, \$3,000 to \$1,400.....do.....		19	19	19
Scientific assistant, \$2,500 to \$2,100.....do.....		3	3	
Laboratory assistant.....do.....	2,280.00	1	1	1
General mechanic.....do.....	1,620.00	1	1	1
Teamsters, \$100 to \$90.....per month.....				8
Clerk.....per annum.....	1,400.00			2
Teamster, orchardist, collaborators, clerks, caretakers, and mess cooks, \$60 to \$1.....per month.....				14
Wages:				
Miscellaneous temporary labor—				
\$110 to \$20.....do.....		55	55	142
\$10 to \$1.50.....per diem.....				83
Salaries.....		\$77,360.00	\$77,360.00	\$108,024.61
Wages.....		41,535.00	41,535.00	7,691.49
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		300.00	300.00	1,190.44
Traveling expenses.....		15,000.00	15,000.00	11,314.99
Equipment and material.....		5,550.00	4,400.00	9,166.38
Telephone and telegraph service.....		700.00	700.00	
Rent (in field).....		506.00	506.00	
Miscellaneous items.....		34,049.00	29,199.00	21,538.66
Total.....		175,000.00	169,000.00	158,926.57

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 211.*General Expenses, Bureau of Plant Industry—Continued.*

For investigations in connection with western irrigation agriculture, the utilization of lands reclaimed under the Reclamation Act, and other areas in the arid and semiarid regions [Provided, That of this sum \$11,000 shall be immediately available] (acts Apr. 18, 1900, vol. 31, pp. 135, 136, secs. 1-5; Aug. 24, 1912, vol. 37, pp. 506, 507, secs. 1-4; Mar. 3, 1921, vol. 41, pp. 1321-1325, sec. 1) .. \$94,420.00

NOTE.—The language of this item has been amended by omitting the proviso making \$11,000 immediately available.

Employees.	Rate.	Estimated, 1923.	Estimated 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Agriculturist in charge.....per annum..	\$4,260.00	1	1	1
Agriculturist, \$2,500 to \$1,500.....do.....		2	1	2
Farm superintendent, \$2,460 to \$1,800.....do.....		5	5	5
Assistant, \$1,800 to \$1,200.....do.....		5	5	3
Clerk, \$1,600 to \$1,200.....do.....				5
Foreman.....do.....	1,360.00	1	1	1
Laboratory aid.....do.....	1,200.00			1
Teamster, \$100 to \$35.....per month.....		4	4	5
Teamster, collaborator, clerk, caretaker and mess cook, \$540 to \$1.....per annum.....		3	3	6
Wages:				
Miscellaneous temporary labor— \$115 to \$30.....per month.....		36	36	99
Salaries.....		\$29,040.00	\$27,040.00	\$43,064.92
Wages.....		31,038.00	31,038.00	4,103.35
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		385.00	385.00	529.59
Traveling expenses.....		5,700.00	4,900.00	2,820.39
Equipment and material.....		16,532.00	16,132.00	3,203.19
Miscellaneous items.....		11,725.00	4,925.00	9,059.11
Total.....		94,420.00	84,420.00	62,780.55

For the investigation, improvement, encouragement, and determination of the adaptability to different soils and climatic conditions of pecans, almonds, Persian walnuts, black walnuts, hickory nuts, butternuts, chestnuts, filberts, and other nuts, and for methods of growing, harvesting, packing, shipping, storing, and utilizing the same (*same acts*)

20,000.00

Employees.	Rate.	Estimated, 1923.	Estimated 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Horticulturist in charge.....per annum..	\$4,500.00	1	1	1
Nut culturist, \$3,000 to \$2,400.....do.....		2	2	2
Pomologist.....do.....	2,460.00	1	1	1
Assistant, \$1,800 to \$1,620.....do.....		2	2	2
Clerk.....do.....	1,200.00	1	1	1
Wages:				
Miscellaneous temporary labor— \$5 to \$1.....per diem.....				9
Salaries.....		\$11,800.00	\$11,800.00	\$10,545.00
Wages.....				55.50
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....				360.01
Traveling expenses.....		6,700.00	6,700.00	4,253.48
Equipment and material.....		1,000.00	1,000.00	1,307.26
Miscellaneous items.....		500.00	500.00	3,330.36
Total.....		20,000.00	20,000.00	19,851.61

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.		
Budget, page 212. <i>General Expenses, Bureau of Plant Industry—Continued.</i>				
For the investigation and improvement of fruits and the [method] methods of fruit growing, harvesting, handling, and [in cooperation with the Bureau of Markets and Crop Estimates,] studies of the [behavior] physiological and related changes of fruits during the processes of marketing and while in commercial storage, [§§3,200] \$121,700 (acts Apr. 18, 1900, vol. 31, pp. 135, 136, secs. 1-5; Aug. 24, 1912, vol. 37, pp. 506, 507, secs. 1-4; Mar. 3, 1921, vol. 41, pp. 1321-1325, sec. 1) . . . \$121,700.00				
NOTE.—There is an increase of \$38,500 in this item, but taking into consideration the transfer of \$22,000 from the item for preservation of fruits and vegetables of the Bureau of Agricultural Economics, the actual increase is only \$16,500, which will be used as follows:				
(a) \$9,000 for enlarging investigations on fruit improvement through bud selection. The work carried on under this project has revolutionized the nursery practices in the propagation of citrus trees in California, and has profoundly influenced also the bearing orchards through the elimination of unproductive trees. The same practices are being extended to Florida, so that the influence of the work covers the entire citrus area of the United States.				
(b) It is desired to use the \$22,000 transferred from the Bureau of Agricultural Economics and \$7,500 of the increase asked for in this appropriation in the efficient prosecution of the practical field phases of the studies of the physiological and related changes in fruits during the processes of transportation and storage, through which the results of the more technical laboratory investigations are tested and perfected in the actual commercial transportation and storage of these products.				
The language of this paragraph has been amended as indicated.				
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Horticulturist in charge.....per annum..	\$4,500.00	1	1	1
Horticulturists, \$3,000 to \$1,000.....do.....		2	2	2
Physiologists, \$4,500 to \$1,200.....do.....		8	8	5
Pathologists, \$2,400 to \$2,040.....do.....				2
Physicists.....do.....	2,280.00		1	
Botanist.....do.....	3,000.00	1	1	1
Pomologists, \$4,000 to \$2,160.....do.....		8	7	7
Assistants, \$2,040 to \$1,000.....do.....		11	11	8
Specialists, \$3,240 to \$3,000.....do.....		2		
Investigator.....do.....	1,860.00	1		
Artists.....do.....	1,800.00	1	1	1
Viticultural superintendent.....do.....	1,800.00	1	1	2
Laboratorian.....do.....	2,040.00			1
Collaborators and clerks, \$72 to \$1.....do.....		4		6
Wages:				
Miscellaneous temporary labor— \$6 to \$2.....per diem.....				15
Salaries.....		\$62,100.00	\$50,171.00	\$49,702.83
Wages.....				1,036.53
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		750.00	500.00	1,589.92
Traveling expenses.....		20,000.00	12,000.00	9,156.19
Equipment and material.....		15,650.00	2,750.00	7,594.50
Miscellaneous items.....		23,200.00	17,779.00	18,556.59
Total.....		121,700.00	83,200.00	87,636.56
To cultivate and care for the gardens and grounds of the Department of Agriculture in the city of Washington, including the keep and lighting of the grounds and the construction, surfacing, and repairing of roadways and walks; and to erect, manage, and maintain conservatories, greenhouses, and plant and fruit propagating houses on the grounds of the Department of Agriculture in the city of Washington (same acts).....				15,000.00
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Assistant in charge.....per annum..	\$3,000.00	1	1	1
Wages:				
Painters.....do.....	1,260.00	8	8	
Salaries.....		\$3,000.00	\$3,000.00	\$2,875.00
Wages.....		144.00	144.00	
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		100.00	100.00	167.55
Traveling expenses.....				12.57
Equipment and material.....		6,000.00	6,000.00	1,872.74
Miscellaneous items.....		5,756.00	5,756.00	6,745.97
Total.....		15,000.00	15,000.00	11,673.83

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 213.*General Expenses, Bureau of Plant Industry*—Continued.

For horticultural investigations, including the study of producing and harvesting truck and related crops, including potatoes, and [] in cooperation with the Bureau of Markets and Crop Estimates, [] studies of the [] behavior [] physiological and related changes of vegetables while in the processes of marketing and in commercial storage, and the study of landscape and vegetable gardening, floriculture, and related subjects, [§71,940] §76,940 (acts Apr. 18, 1900, vol. 31, pp. 135, 136, secs. 1-5; Aug. 24, 1912, vol. 37, pp. 506, 507, secs. 1-4; Mar. 3, 1921, vol. 41, pp. 1321-1325, sec. 1)..... \$76,940.00

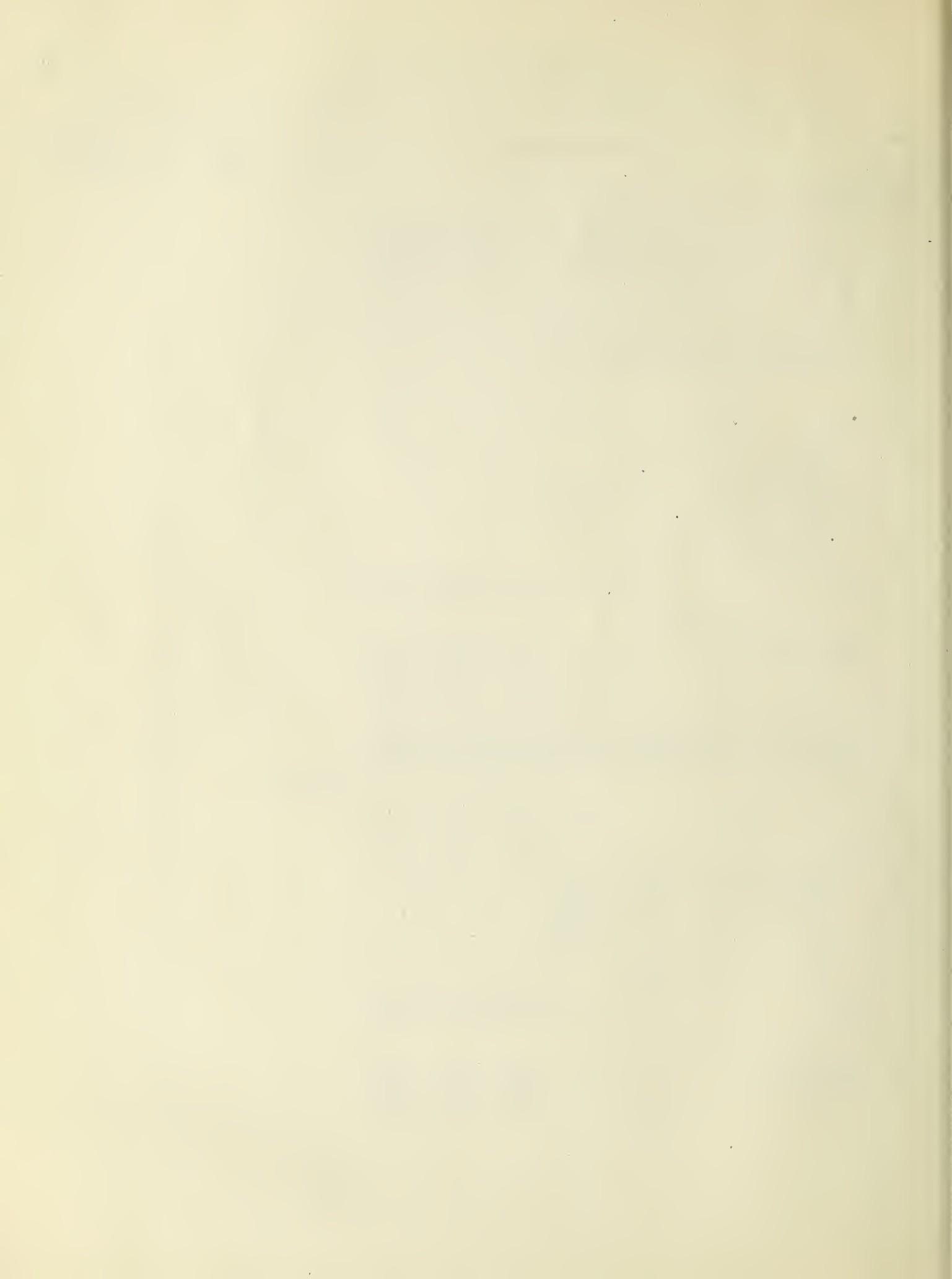
NOTE.—An increase of \$5,000 for enlarging the bulb investigations. It is desirable to develop and carry on for a number of years the application of principles of propagation worked out at the Bellingham bulb gardens and to experiment in other sections of the United States possessing advantages from shipping and other economic standpoints.

The language of the paragraph has been amended as indicated.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Horticulturists in charge, \$4,500 to \$2,040..... per annum.		13	13	9
Physiologists, \$3,240 to \$2,040..... do.		8	6	3
Assistants, \$1,800 to \$1,000..... do.		8	8	11
Physicist, \$2,280 to \$2,040..... do.		1	1	1
Superintendent..... do.	\$3,000.00	1	1	—
Laboratorian..... do.	1,440.00	1	—	—
Agents, clerks, and collaborators, \$840 to \$1..... do.		4	4	6
Wages:				
Miscellaneous temporary labor— \$1,080 to \$960..... do.		1	1	5
\$4.50 to \$2..... per diem.		—	—	1 ⁹
Salaries.....		\$46,343.00	\$46,343.00	\$38,639.24
Wages.....		840.00	840.00	1,858.93
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		500.00	500.00	818.97
Traveling expenses.....		10,000.00	10,000.00	6,382.36
Equipment and material.....		2,000.00	1,000.00	7,845.55
Miscellaneous items.....		17,257.00	13,257.00	16,738.54
Total.....		76,940.00	71,940.00	72,283.59

For investigating, in cooperation with States or privately owned nurseries, methods of propagating fruit trees, ornamental and other plants, the study of stocks used in propagating such plants and methods of growing stocks, for the purpose of providing American sources of stocks, cuttings, or other propagating materials (*same acts*)..... 20,000.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Horticulturist in charge..... per annum.	\$4,500.00	1	1	1
Pomologists, \$3,600 to \$2,280..... do.		2	2	2
Pathologist..... do.	2,280.00	—	—	1
Physiologist..... do.	2,500.00	—	—	1
Assistants, \$2,040 to \$1,080..... do.		5	5	3
Horticulturist..... do.	2,500.00	1	1	—
Propagator..... do.	1,860.00	—	—	1
Clerk..... do.	1,400.00	—	—	1
Laboratory aid..... do.	1,200.00	—	—	1
Wages:				
Miscellaneous temporary labor— \$90..... per month.		—	—	1
\$8 to \$2..... per diem.		—	—	7
Salaries.....		\$10,605.00	\$10,605.00	\$11,932.78
Wages.....		—	—	180.00
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		3,665.00	3,665.00	620.51
Traveling expenses.....		2,730.00	2,570.00	2,665.42
Equipment and material.....		3,000.00	3,160.00	1,183.66
Miscellaneous items.....		—	—	2,755.69
Total.....		20,000.00	20,000.00	19,338.06



Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 214.*General Expenses, Bureau of Plant Industry*—Continued.

For continuing the necessary improvements to establish and maintain a general experiment farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the act of Congress approved April 18, 1900, [§\$20,500] \$75,000: Provided, That the limitations in this act as to the cost of farm buildings shall not apply to this paragraph (*acts Apr. 18, 1900, vol. 31, pp. 135, 136, secs. 1-5; Aug. 24, 1912, vol. 37, pp. 506, 507, secs. 1-4; Mar. 3, 1921, vol. 41, pp. 1321-1325, sec. 1*).....

\$75,000.00

NOTE.—An increase of \$54,500, as follows:

(a) \$4,500 to meet the cost of labor, material, and supplies in conducting the work of the Arlington experimental farm. Much of the research work of the department can be conducted more conveniently, economically, and accurately at the farm than elsewhere.

(b) \$50,000 for replacing the present central heating plant of the farm by one which will be more economical in fuel consumption and adequate to heat the greenhouses and other buildings. It is believed that two modern boilers of 100-horsepower capacity should be installed. The increase requested will provide for the purchase of the boilers and the erection of a suitable building for housing them.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Horticulturist in charge.....per annum..	\$3,000.00	1	1	1
Horticulturist.....do.....	2,280.00	1	1	1
General mechanic.....do.....	1,600.00	1	1	1
Foremen, \$1,400 to \$1,200.....do.....	.....	3	3	3
Assistants, \$1,600 to \$1,200.....do.....	.....	2	2	4
Carpenter.....per diem.....	5.00	2	2	.....
Blacksmith.....do.....	5.00	1	1	.....
Wages:				
Miscellaneous temporary labor—				
\$720.....per annum.....	.....	.....	.....	1
\$5 to \$2.....per diem.....	.....	10	10	12
Salaries.....	\$10,680.00		\$10,080.00	\$10,029.75
Wages.....	2,591.00		2,591.00	3,600.25
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....	.....	.....	.....	249.91
Traveling expenses.....	50.00	.....	200.00	4.94
Equipment and material.....	51,279.00	.....	3,000.00	755.98
Miscellaneous items.....	10,400.00	.....	4,629.00	5,664.17
Total.....	75,000.00	.....	20,500.00	20,305.00

For investigations in foreign seed and plant introduction, including the study, collection, purchase, testing, propagation, and distribution of rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries and from our possessions, and for experiments with reference to their introduction and cultivation in this country (*same acts*).....

125,000.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Agricultural explorer in charge.....per annum..	\$4,500.00	1	1	1
Agricultural explorers, \$3,000 to \$2,520.....do.....	.....	1	1	2
Pathologists, \$4,500 to \$1,800.....do.....	.....	2	2	1
Physiologist.....do.....	3,500.00	.....	.....	1
Plant introducers, \$3,500 to \$2,280.....do.....	.....	4	4	3
Plant propagators, \$1,860 to \$1,800.....do.....	.....	2	2	3
Botanist, \$2,400 to \$2,100.....do.....	.....	2	2	2
Superintendents, \$2,500 to \$1,800.....do.....	.....	5	5	4
Assistants, \$2,040 to \$1,200.....do.....	.....	4	4	8
Foreman.....do.....	1,200.00	.....	.....	1
Aids, \$1,140 to \$1,100.....do.....	.....	5	5	5
Collaborators, field station aids, and gardeners, \$900 to \$1.....do.....	.....	18	18	6
Wages:				
Miscellaneous temporary labor—				
\$60 to \$40.....per month.....	.....	20	20	20
\$7.50 to \$0.75.....per diem.....	.....	35	35	37
Salaries.....	\$76,634.00	.....	\$76,634.00	\$53,950.39
Wages.....	1,800.00	.....	1,800.00	1,818.57
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....	3,000.00	.....	3,000.00	2,809.82
Traveling expenses.....	13,400.00	.....	13,400.00	8,737.03
Equipment and material.....	22,966.00	.....	22,966.00	11,705.17
Telephone and telegraph service.....	1,200.00	.....	1,200.00	.....
Miscellaneous items.....	6,000.00	.....	6,000.00	21,591.60
Total.....	125,000.00	.....	125,000.00	100,612.58

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 215.*General Expenses, Bureau of Plant Industry*—Continued.

For the purchase, propagation, testing, and distribution of new and rare seeds; for the investigation and improvement of grasses, alfalfa, clover, and other forage crops, including the investigation of the utilization of cacti and other dry-land plants, **[\$125,000]** \$135,000: *Provided*, That of this amount not to exceed \$56,600 may be used for the purchase and distribution of such new and rare seeds (*acts Apr. 18, 1900, vol. 31, pp. 135, 136, secs. 1-5; Aug. 24, 1912, vol. 37, pp. 506, 507, secs. 1-4; Mar. 3, 1921, vol. 41, pp. 1321-1325, sec. 1*)-----

\$135,000.00

NOTE.—An increase of \$10,000 for investigations in red clover production. The red clover acreage is steadily decreasing at an alarming rate. Between 1899 and 1909 the decrease was nearly 50 per cent, and since 1909 there has been a further decrease, as shown especially by Indiana statistics, and the percentage of clover to total forage has also decreased by one-half or more. The long period over which the decline of clover has extended tends more or less to obscure the serious consequences involved. It is probably no exaggeration to say that the red clover problem is by far the most serious one threatening established American agriculture.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Agrostologist in charge.....per annum	\$4,260.00	1	1	1
Agrostologists, \$2,280 to \$2,040.....do.....		2	2	
Agronomists, \$4,000 to \$1,980.....do.....		9	9	9
Botanist.....do.....	2,280.00	1	1	
Chemist.....do.....	2,640.00			1
Superintendents, \$2,160 to \$1,500.....do.....		2	2	1
Assistants, \$2,500 to \$1,200.....do.....		9	9	14
Plant breeders and propagators, \$2,640 to \$2,220.....do.....				2
Agents, \$3,000 to \$1,200.....do.....		1	5	3
Clerks, \$1,500 to \$1,200.....do.....				3
Artist.....do.....	1,400.00			1
Field aids, \$1,440 to \$1,200.....do.....		4	2	
Teamster, agents, assistants, and collaborators— \$720 to \$1.....do.....				9
\$165 to \$50.....per month.....				5
Wages:				
Miscellaneous temporary labor— \$150 to \$25.....do.....		26	16	49
Salaries.....		\$55,610.00	\$55,610.00	\$64,700.70
Wages.....		4,000.00	4,000.00	1,330.15
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		2,000.00	2,000.00	854.52
Traveling expenses.....		11,500.00	9,500.00	7,254.07
Equipment and material.....		7,500.00	6,500.00	5,342.20
Telephone and telegraph service.....		400.00	400.00	
Miscellaneous items.....		53,990.00	46,990.00	49,733.56
Total.....		135,000.00	125,000.00	129,215.20

Purchase and distribution of valuable seeds;

For purchase, propagation, testing, and congressional distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants; all necessary office fixtures and supplies, fuel, transportation, paper, twine, gum, postal cards, gas, electric current, rent outside of the District of Columbia, official traveling expenses, and all necessary material and repairs for putting up and distributing the same; for repairs and the employment of local and special agents, clerks, assistants, and other labor required, in the city of Washington and elsewhere, \$360,000. And the Secretary of Agriculture is hereby directed to expend the said sum, as nearly as practicable, in the purchase, testing, and distribution of such valuable seeds, bulbs, shrubs, vines, cuttings, and plants, the best he can obtain at public or private sale, and such as shall be suitable for the respective localities to which the same are to be apportioned, and in which same are to be distributed as hereinafter stated, and such seeds so purchased shall include a variety of vegetable and flower seeds suitable for planting and culture in the various sections of the United States: *Provided*, That the Secretary of Agriculture, after due advertisement and on competitive bids, is authorized to award the contract or the supplying of printed packets and envelopes and the packeting, assembling, and mailing of the seeds, bulbs, shrubs, vines, cuttings, and plants, or any part thereof, for a period of not more than five years nor less than one year, if by such action he can best protect the interests of the United States. An equal proportion of five-sixths of all seeds, bulbs, shrubs, vines, cuttings, and plants shall, upon their request, after due notification by the Secretary of Agriculture that the allotment to their respective districts is ready for distribution, be supplied to Senators, Representatives, and Delegates in Congress for distribution among their constituents, or mailed by the department upon the receipt of their addressed franks, in packages of such weight as the Secretary of Agriculture and the Postmaster General may jointly determine: *Provided, however*, That upon each envelope or wrapper containing packages of seeds the contents thereof shall be plainly indicated, and the Secretary shall not distribute to any Senator, Representative, or Delegate seeds entirely unfit for the climate and locality he represents, but shall distribute the same so that each Member may have seeds of equal value, as near as may be, and the best adapted to the locality he represents: *Provided also*, That the seeds allotted to Senators and Representatives for distribution in the districts embraced within the twenty-fifth and thirty-fourth parallels of latitude shall be ready for delivery not later than the 10th day of January: *Provided also*, That any portion of the allotments to Senators, Representatives, and

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.

Total amount to be appropriated under each head of appropriation.
Amount appropriated for the fiscal year ending June 30, 1922.

Budget, page 216.*General Expenses, Bureau of Plant Industry—Continued.*

Delegates in Congress remaining uncalled for on the 1st day of April shall be distributed by the Secretary of Agriculture, giving preference to those persons whose names and addresses have been furnished by Senators and Representatives in Congress and who have not before during the same season been supplied by the department: *And provided also*, That the Secretary shall report, as provided in this act, the place, quantity, and price of seeds purchased, and the date of purchase; but nothing in this paragraph shall be construed to prevent the Secretary of Agriculture from sending seeds to those who apply for the same. And the amount herein appropriated shall not be diverted or used for any other purpose but for the purchase, testing, propagation, and distribution of valuable seeds, bulbs, mulberry and other rare and valuable trees, shrubs, vines, cuttings, and plants.]

NOTE.—A decrease of \$360,000. The department believes that the congressional distribution of vegetable and flower seeds can be dispensed with without material detriment to the agriculture of the country. It is therefore recommended that the item be eliminated and the funds thereby saved devoted to the prosecution of urgently important investigational work on problems of crop production which will yield results of more direct practical value.

For biophysical investigations in connection with the various lines of work herein authorized, \$32,500 [*Provided*, That of this amount \$7,500 shall be immediately available] (*acts Apr. 18, 1900, vol. 31, pp. 135, 136, secs. 1-5; Aug. 24, 1912, vol. 37, pp. 506-507, secs. 1-4; Mar. 3, 1921, vol. 41, pp. 1321-1325, sec. 1*) \$32,500.00

NOTE.—The immediately available proviso is omitted.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Botanist in charge.....per annum..	\$3,760.00	1	1	1
Biophysicists.....do.....	3,000.00	2	1	1
Assistants—				
\$2,760 to \$1,200.....do.....		4	4	4
\$100 to \$60.....per month.....		4	4	4
Laboratory helper.....per annum..	1,080.00	1	1	1
Wages:				
Miscellaneous temporary labor—				
\$540.....do.....		2	2	1
Salaries.....	\$19,340.00	\$16,023.78	\$4,549.22	
Wages.....	975.00	1,017.50	34.50	
<i>OTHER OBJECTS OF EXPENDITURE.</i>				
Stationery and office supplies.....	200.00	58.14	141.86	
Traveling expenses.....	4,000.00	3,928.94	71.06	
Equipment and material.....	3,500.00	2,762.07	737.93	
Miscellaneous items.....	4,485.00	2,225.12	949.88	
Total.....	32,500.00	26,015.55	6,484.45	

For general administrative expenses connected with the above-mentioned lines of investigation, including the office of the chief of bureau, the assistant chief of bureau, the officers in charge of publications, records, supplies, and property, and for miscellaneous expenses incident thereto (*same acts*) 25,980.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Physiologist and associate chief of bureau.....per annum..	\$4,500.00	1	1	1
Assistants—				
\$3,500 to \$1,200.....do.....		9	9	7
\$375 to \$120.....per month.....		1	1	1
Clerks, \$1,980 to \$1,200.....per annum..				4
Wages:				
Miscellaneous temporary labor—				
\$1,200 to \$720.....do.....		2	2	2
Salaries.....	\$17,500.00	\$17,500.00	\$12,851.10	
Wages.....	200.00	200.00	5.00	
<i>OTHER OBJECTS OF EXPENDITURE.</i>				
Stationery and office supplies.....	1,600.00	1,600.00	2,754.75	
Traveling expenses.....	900.00	900.00	1,428.30	
Equipment and material.....	3,500.00	3,500.00	2,463.61	
Miscellaneous items.....	2,280.00	2,280.00	4,044.17	
Total.....	25,980.00	25,980.00	23,546.93	

In all, for general expenses \$2,397,050.00 \$2,646,770.00

Statement of clerks employed in District of Columbia under lump-sum appropriations for 30 days or more during the fiscal year ended June 30, 1921 (32 Stat., p. 303).

GENERAL EXPENSES, BUREAU OF PLANT INDUSTRY.

1 clerk, at \$2,160 per annum.	20 clerks, at \$1,200 each per annum.
2 clerks, at \$1,980 each per annum.	8 clerks, at \$1,100 each per annum.
1 clerk, \$1,800 per annum.	1 clerk, \$1,020 per annum.
4 clerks, at \$1,600 each per annum.	1 clerk, \$900 per annum.
6 clerks, at \$1,400 each per annum.	2 clerks, at \$100 each per month.
1 clerk, \$1,320 per annum.	

Total for Bureau of Plant Industry..... 2,898,280.00

3,147,770.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
Budget, page 217.		
<i>Salaries, Forest Service—</i>		
Forester, who shall be chief of bureau (increase of \$2,500) (<i>R. S.</i> , p. 87, secs. 520-523; <i>acts Mar. 2, 1901, vol. 31, p. 929, sec. 1; Mar. 3, 1921, vol. 41, p. 1325, sec. 1</i>).....	\$7,500.00	
Chief of office of accounts and fiscal agent (<i>same acts</i>).....	2,500.00	
Inspector of records (<i>same acts</i>).....	2,400.00	
District fiscal agents:		
One (<i>submitted</i>).....	2,400.00	
Six at \$2,120 (decrease of 1) (<i>R. S.</i> , p. 87, secs. 520-523; <i>acts Mar. 2, 1901, vol. 31, p. 929, sec. 1; Mar. 3, 1921, vol. 41, p. 1325, sec. 1</i>).....	12,720.00	
Forest supervisors: one \$3,240, one \$2,880, eight at \$2,500 each, sixteen at \$2,380 each, forty-four at \$2,180 each, sixty at \$1,980 each, five at \$1,780 each, deputy forest supervisors: one \$1,980, four at \$1,880 each, twenty-five at \$1,780 each, twenty-eight at \$1,680 each, fifteen at \$1,580 each, forest rangers: eleven at \$1,620 each, twenty-three at \$1,520 each, seventy-eight at \$1,420 each, two hundred and eighty-eight at \$1,320 each, five hundred and ninety at \$1,220 each; transferred to lump fund.]		
Clerks:		
Two at \$2,100 each (increase of 1) (<i>same acts</i>).....	4,200.00	
Four at \$2,000 each (<i>same acts</i>).....	8,000.00	
Twenty-four at \$1,800 each (increase of 5) (<i>same acts</i>).....	43,200.00	
Seventeen at \$1,600 each (decrease of 4) (<i>same acts</i>).....	27,200.00	
Twelve at \$1,500 each (increase of 3) (<i>same acts</i>).....	18,000.00	
Twenty-two at \$1,400 each (decrease of 1) (<i>same acts</i>).....	30,800.00	
Eleven at \$1,300 each (increase of 2) (<i>same acts</i>).....	14,300.00	
One hundred and thirty-eight at \$1,200 each (<i>same acts</i>).....	165,600.00	
Ninety-one at \$1,100 each (decrease of 4) (<i>same acts</i>).....	100,100.00	
Fifty-four at \$1,020 each (<i>same acts</i>).....	55,080.00	
Thirty at \$960 each (<i>same acts</i>).....	28,800.00	
Ninety-two at \$900 each (decrease of 8) (<i>same acts</i>).....	82,800.00	
[Two at \$840 each.]		
[One \$600.]		
Clerk or compositor (<i>same acts</i>).....	1,600.00	
Clerk or proof reader (<i>same acts</i>).....	1,400.00	
Clerk or translator (<i>same acts</i>).....	1,400.00	
Compiler (<i>same acts</i>).....	1,800.00	
Draftsmen:		
[One, \$2,000.]		
[Three, at \$1,600 each.]		
[Two, at \$1,500 each.]		
[Nine, at \$1,400 each.]		
Four, at \$1,300 each (<i>same acts</i>).....	5,200.00	
Fourteen, at \$1,200 each (decrease of 2) (<i>same acts</i>).....	16,800.00	
Two, at \$1,100 each (<i>same acts</i>).....	2,200.00	
Three, at \$1,020 each (<i>same acts</i>).....	3,060.00	
One (<i>same acts</i>).....	1,000.00	
One (<i>same acts</i>).....	960.00	
Draftsmen or surveyors:		
One (<i>submitted</i>).....	2,000.00	
Fifteen, at \$1,800 each (increase of 13) (<i>R. S.</i> , p. 87, secs. 520-523; <i>acts Mar. 2, 1901, vol. 31, p. 929, sec. 1; Mar. 3, 1921, vol. 41, p. 1325, sec. 1</i>).....	27,000.00	
Four, at \$1,600 each (increase of 1) (<i>same acts</i>).....	6,400.00	
Twelve, at \$1,500 each (decrease of 4) (<i>same acts</i>).....	18,000.00	
Twelve, at \$1,400 each (increase of 6) (<i>same acts</i>).....	16,800.00	
[Twelve draftsmen or map colorists, at \$900 each.]		
Draftsman or artist (increase of \$300) (<i>same acts</i>).....	1,500.00	
Draftsman or negative cutter (<i>same acts</i>).....	1,200.00	
Artists:		
One (increase of \$200) (<i>same acts</i>).....	1,800.00	
One (<i>same acts</i>).....	1,000.00	
Photographers:		
One (<i>same acts</i>).....	1,600.00	
One (<i>same acts</i>).....	1,400.00	
Two, at \$1,200 each (increase of 1) (<i>same acts</i>).....	2,400.00	
One (<i>same acts</i>).....	1,100.00	
[Lithographer or photographer, \$1,200.]		
[Lithographer's helper, \$780.]		
Blue printers:		
One (increase of \$300) (<i>same acts</i>).....	1,200.00	
One (<i>same acts</i>).....	720.00	
Telephone operators:		
One (<i>submitted</i>).....	1,020.00	
One (decrease of 1) (<i>R. S.</i> , p. 87, secs. 520-523; <i>acts Mar. 2, 1901, vol. 31, p. 929, sec. 1; Mar. 3, 1921, vol. 41, p. 1325, sec. 1</i>).....	600.00	
Machinist (<i>same acts</i>).....	1,260.00	
Carpenters:		
Three at \$1,400 each (<i>submitted</i>).....	4,200.00	
Two at \$1,200 each (<i>R. S.</i> , p. 87, secs. 520-523; <i>acts Mar. 2, 1901, vol. 31, p. 929, sec. 1; Mar. 3, 1921, vol. 41, p. 1325, sec. 1</i>).....	2,400.00	
One (decrease of 2) (<i>same acts</i>).....	1,000.00	
[One \$960.]		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
Budget, page 218.		
<i>Salaries, Forest Service—Continued.</i>		
Electrician (increase of \$380) (<i>R. S., p. 87, secs. 520-523; acts Mar. 2, 1901, vol. 31, p. 929, sec. 1; Mar. 3, 1921, vol. 41, p. 1325, sec. 1</i>).....	\$1,400.00	
Laboratory aids and engineers:		
One (<i>same acts</i>).....	1,000.00	
Nine at \$900 each (<i>same acts</i>).....	8,100.00	
Two at \$800 each (<i>same acts</i>).....	1,600.00	
Laboratory helpers:		
One (increase of \$180) (<i>same acts</i>).....	900.00	
One (<i>same acts</i>).....	600.00	
Packers:		
One (<i>same acts</i>).....	1,000.00	
One (<i>same acts</i>).....	780.00	
Skilled laborer (<i>submitted</i>).....	1,200.00	
Messengers or laborers:		
One (decrease of 1) (<i>R. S., p. 87, secs. 520-523; acts Mar. 2, 1901, vol. 31, p. 929, sec. 1; Mar. 3, 1921, vol. 41, p. 1325, sec. 1</i>).....	960.00	
Three at \$900 each (<i>same acts</i>).....	2,700.00	
Four at \$840 each (<i>same acts</i>).....	3,360.00	
Three at \$780 each (<i>same acts</i>).....	2,340.00	
Five at \$720 each (<i>same acts</i>).....	3,600.00	
Four at \$660 each (decrease of 2) (<i>same acts</i>).....	2,640.00	
Messenger boys:		
Five at \$600 each (<i>same acts</i>).....	3,000.00	
Two at \$540 each (<i>same acts</i>).....	1,080.00	
Three at \$480 each (<i>same acts</i>).....	1,440.00	
Three at \$420 each (<i>same acts</i>).....	1,260.00	
Ten at \$360 each (decrease of 3) (<i>same acts</i>).....	3,600.00	
Charwomen:		
One (<i>same acts</i>).....	540.00	
One (<i>same acts</i>).....	480.00	
One (<i>same acts</i>).....	300.00	
Eleven at \$240 each (<i>same acts</i>).....	2,640.00	
NOTE.—Apparent decrease, \$1,682,880; actual decrease, \$6,820. There is an increase in the salary of the forester from \$5,000 to \$7,500, one draftsman or artist from \$1,200 to \$1,500, one artist from \$1,600 to \$1,800, one blue printer from \$900 to \$1,200, one electrician from \$1,020 to \$1,400, and one laboratory helper from \$720 to \$900. Thirty-nine new places, with salaries aggregating \$63,620, have been added. Total increase, \$67,480. Sixty-six places, with salaries totaling \$74,300, have been dropped. Eleven hundred and ninety-eight forest supervisor, deputy forest supervisor, and forest ranger positions, with salaries aggregating \$1,676,060, have been transferred to the lump-sum roll of this service, and the statutory roll correspondingly reduced. See introductory statement of Secretary of Agriculture.		
<i>General Expenses, Forest Service—</i>		
To enable the Secretary of Agriculture to experiment and to make and continue investigations and report on forestry, national forests, forest fires, and lumbering, but no part of this appropriation shall be used for any experiment or test made outside the jurisdiction of the United States; to advise the owners of woodlands as to the proper care of the same; to investigate and test American timber and timber trees and their uses, and methods for the preservative treatment of timber; to seek, through investigations and the planting of native and foreign species, suitable trees for the treeless regions; to erect necessary buildings: <i>Provided</i> , That the cost of any building purchased, erected, or as improved shall not exceed \$1,000; to pay all expenses necessary to protect, administer and improve the national forests, including tree planting in the forest reserves to prevent erosion, drift, surface wash, and soil waste and the formation of floods, and including the payment of rewards under regulations of the Secretary of Agriculture for information leading to the arrest and conviction for violation of the laws and regulations relating to fires in or near national forests, or for the unlawful taking of, or injury to, Government property; to ascertain the natural conditions upon and utilize the national forests; and the Secretary of Agriculture may, in his discretion, permit timber and other forest products cut or removed from the national forests to be exported from the State or Territory in which said forests are respectively situated; to transport and care for fish and game supplied to stock the national forests or the waters therein; to employ agents, clerks, assistants, and other labor required in practical forestry and in the administration of national forests in the city of Washington and elsewhere; to collate, digest, report, and illustrate the results of experiments and investigations made by the Forest Service; to purchase necessary supplies, apparatus, office fixtures, law books, and technical books and technical journals for officers of the Forest Service stationed outside of Washington, and for medical supplies and services and other assistance necessary for the immediate relief of artisans, laborers, and other employees engaged in any hazardous work under the Forest Service; to pay freight, express, telephone, and telegraph charges; for electric light and power, fuel, gas, ice, washing towels, and official traveling and other necessary expenses, including traveling expenses for legal and fiscal officers while performing Forest Service work; and for rent outside of the District of Columbia, as follows (<i>acts Mar. 3, 1899, vol. 30, p. 1095, sec. 1; June 3, 1902, vol. 32, p. 295, sec. 1; Feb. 1, 1905, vol. 33, p. 268, sec. 1; June 11, 1906, vol. 34, p. 233, sec. 1; Mar. 1, 1911, vol. 36, p. 963, sec. 1; Mar. 4, 1913, vol. 37, p. 842, sec. 1; Mar. 4, 1915, vol. 38, p. 1099, sec. 1; Mar. 3, 1921, vol. 41, pp. 1325-1330, sec. 1</i>):	\$782,140.00	\$2,465,020.00
NOTE.—The word "purchased" is inserted in this paragraph following the word "building" so as to permit the purchase of buildings which have been erected on national forest lands under permit or on private lands whose owners are willing to sell.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

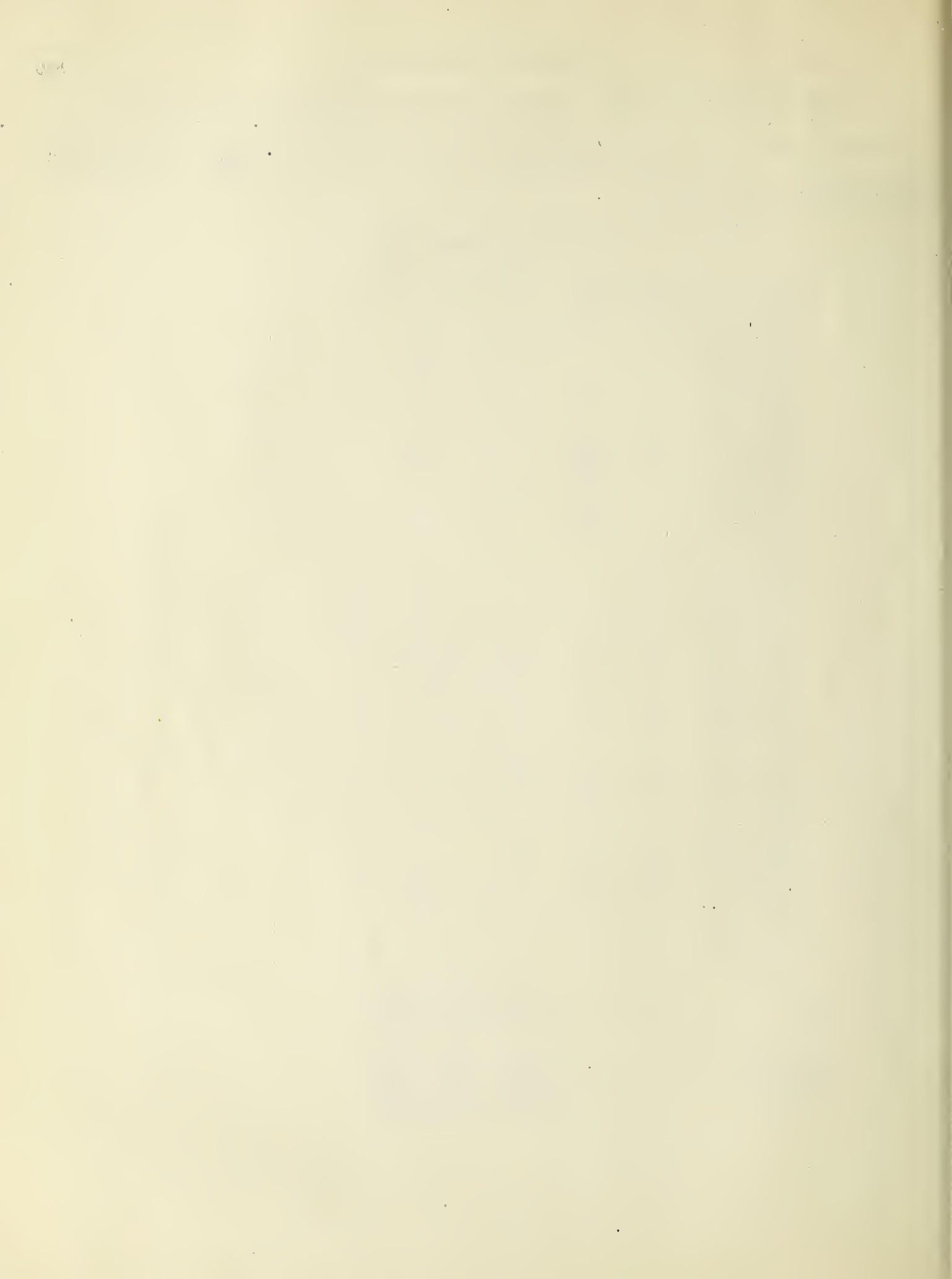
General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
Budget, page 219. <i>General Expenses, Forest Service</i> —Continued.		
For employment of forest supervisors, deputy forest supervisors, forest rangers, and forest guards, \$175,000.]		
For salaries and field station expenses, including the maintenance of nurseries, collecting seed, and planting necessary for the use, maintenance, improvement, and protection of the national forests named below: [
Absaroka National Forest, Mont., \$6,703; Angeles National Forest, Calif., \$11,926; Apache National Forest, Ariz., \$9,779; Arapahoe National Forest, Colo., \$6,736; Arkansas National Forest, Ark., \$15,730; Ashley National Forest, Utah and Wyo., \$3,865; Battlement National Forest, Colo., \$4,916; Beartooth National Forest, Mont., \$7,597; Beaverhead National Forest, Mont. and Idaho, \$5,296; Bighorn National Forest, Wyo., \$6,937; Bitterroot National Forest, Mont., \$17,189; Blackfeet National Forest, Mont., \$19,888; Black Hills National Forest, S. Dak. and Wyo., \$12,668; Boise National Forest, Idaho, \$5,247; Bridger National Forest, Wyo., \$3,159; Cabinet National Forest, Mont., \$16,806; Cache National Forest, Utah and Idaho, \$2,207; California National Forest, Calif., \$15,028; Caribou National Forest, Idaho and Wyo., \$6,403; Carson National Forest, N. Mex., \$9,302; Cascade National Forest, Oreg., \$7,835; Challis National Forest, Idaho, \$3,668; Chelan National Forest, Wash., \$12,667; Chugach National Forest, Alaska, \$7,938; Clearwater National Forest, Idaho, \$38,201; Cleveland National Forest, Calif., \$8,433; Cochetopa National Forest, Colo., \$5,931; Coconino National Forest, Ariz., \$21,673; Coeur d'Alene National Forest, Idaho, \$53,290; Colorado National Forest, Colo., \$7,459; Columbia National Forest, Wash., \$9,758; Colville National Forest, Wash., \$8,399; Coronado National Forest, Ariz. and N. Mex., \$11,050; Crater National Forest, Oreg. and Calif., \$22,688; Crook National Forest, Ariz., \$3,735; Custer National Forest, Mont. and S. Dak., \$5,470; Datil National Forest, N. Mex., \$13,950; Deerlodge National Forest, Mont., \$19,813; Deschutes National Forest, Oreg., \$10,175; Dixie and Sevier National Forests, Utah, Ariz., and Nev., \$3,179; Eldorado National Forest, Calif. and Nev., \$7,988; Fillmore National Forest, Utah, \$4,987; Fishlake National Forest, Utah, \$2,320; Flathead National Forest, Mont., \$51,826; Florida National Forest, Fla., \$4,927; Fremont National Forest, Oreg., \$5,427; Gallatin National Forest, Mont., \$4,810; Gila National Forest, N. Mex., \$10,847; Gunnison National Forest, Colo., \$5,371; Harney National Forest, S. Dak., \$6,535; Hayden National Forest, Wyo. and Colo., \$5,868; Helena National Forest, Mont., \$4,012; Holy Cross National Forest, Colo., \$10,452; Humboldt National Forest, Nev., \$6,330; Idaho National Forest, Idaho, \$33,365; Inyo National Forest, Calif. and Nev., \$3,076; Jefferson National Forest, Mont., \$8,430; Kaibab National Forest, Ariz., \$2,708; Kaniksu National Forest, Idaho and Wash., \$28,000; Klamath National Forest, Calif. and Oreg., \$20,249; Kootenai National Forest, Mont., \$26,102; La Sal National Forest, Utah and Colo., \$2,754; Lassen National Forest, Calif., \$14,181; Leadville National Forest, Colo., \$5,524; Lemhi National Forest, Idaho, \$2,490; Lewis and Clark National Forest, Mont., \$10,626; Lincoln National Forest, N. Mex., \$11,178; Lolo National Forest, Mont., \$26,652; Luquillo National Forest, Porto Rico, \$1,700; Madison National Forest, Mont., \$3,930; Malheur National Forest, Oreg., \$6,091; Manti National Forest, Utah, \$6,090; Manzano National Forest, N. Mex., \$5,860; Medicine Bow National Forest, Wyo., \$9,450; Michigan National Forest, Mich., \$1,981; Minidoka National Forest, Idaho and Utah, \$4,709; Minnesota National Forest, Minn., \$2,970; Missoula National Forest, Mont., \$15,212; Modoc National Forest, Calif., \$7,388; Mono National Forest, Nev. and Calif., \$1,647; Montezuma National Forest, Colo., \$4,670; Nebraska National Forest, Nebr., \$1,165; and to extend the work to the Niobrara division thereof, \$5,000: <i>Provided</i> , That from the nurseries on said forest the Secretary of Agriculture, under such rules and regulations as he may prescribe, may furnish young trees free, so far as they may be spared, to residents of the territory covered by "An Act increasing the area of homesteads in a portion of Nebraska," approved April 28, 1904, \$6,165; Nevada National Forest, Nev., \$2,249; Nezperce National Forest, Idaho, \$25,690; Ochoco National Forest, Oreg., \$6,451; Olympic National Forest, Wash., \$16,598; Oregon National Forest, Oreg., \$20,409; Ozark National Forest, Ark., \$9,030; Payette National Forest, Idaho, \$17,887; Pend Oreille National Forest, Idaho, \$20,074; Pike National Forest, Colo., \$13,373; Plumas National Forest, Calif., \$24,203; Powell National Forest, Utah, \$1,010; Prescott National Forest, Ariz., \$6,255; Rainier National Forest, Wash., \$13,035; Rio Grande National Forest, Colo., \$7,157; Routt National Forest, Colo., \$6,585; Salmon National Forest, Idaho, \$6,177; San Isabel National Forest, Colo., \$3,924; San Juan National Forest, Colo., \$9,257; Santa Barbara National Forest, Calif., \$10,774; Santa Fe National Forest, N. Mex., \$17,040; Santiam National Forest, Oreg., \$7,852; Sawtooth National Forest, Idaho, \$4,953; Selway National Forest, Idaho, \$47,367; Sequoia National Forest, Calif., \$13,744; Shasta National Forest, Calif., \$17,425; Shoshone National Forest, Wyo., \$7,381; Sierra National Forest, Calif., \$15,750; Siskiyou National Forest, Oreg. and Calif., \$16,360; Sitgreaves National Forest, Ariz., \$8,341; Siuslaw National Forest, Oreg., \$6,042; Snoqualmie National Forest, Wash., \$13,566; Stanislaus National Forest, Calif., \$14,697; Saint Joe National Forest, Idaho, \$32,026; Superior National Forest, Minn., \$9,809; Tahoe National Forest, Calif. and Nev., \$16,337; Targhee National Forest, Idaho and Wyo., \$9,558; Teton		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
Budget, page 220. <i>General Expenses, Forest Service—Continued.</i>		
National Forest, Wyo., \$4,404; Toiyabe National Forest, Nev., \$3,694; Tongass National Forest, Alaska, \$21,566; Tonto National Forest, Ariz., \$7,685; Trinity National Forest, Calif., \$19,484; Tusayan National Forest, Ariz., \$8,819; Uinta National Forest, Utah, \$4,555; Umatilla National Forest, Oreg., \$10,627; Umpqua National Forest, Oreg., \$13,509; Uncompahgre National Forest, Colo., \$6,690; Walla Walla National Forest, Oreg., \$9,617; Wasatch National Forest, Utah, \$5,000; Washakie National Forest, Wyo., \$6,726; Washington National Forest, Wash., \$7,642; Weiser National Forest, Idaho, \$6,493; Wenatchee National Forest, Wash., \$14,075; White River National Forest, Colo., \$6,272; Whitman National Forest, Oreg., \$25,201; Wichita National Forest, Okla., \$2,416; Wyoming National Forest, Wyo., \$5,089.]		
Additional national forests created or to be created under section 11 of the Act of March 1, 1911 (Thirty-sixth Statutes at Large, page 963), and lands under contract for purchase or for the acquisition of which condemnation proceedings have been instituted for the purposes of said Act, \$84,750.]		
For necessary miscellaneous expenses incident to the general administration of the Forest Service and of the national forests specified above: In national forest district 1, \$61,700; in national forest district 2, \$47,800; in national forest district 3, \$55,200; in national forest district 4, \$49,500; in national forest district 5, \$69,740; in national forest district 6, \$60,800; in national forest district 7, \$14,900; in national forest district 8, \$12,100; in the District of Columbia, \$120,330.]		
For additional salaries and field station expenses, including the maintenance of nurseries, collecting seed, and planting necessary for the use, maintenance, improvement, and protection of the national forests, \$125,000.]		
NOTE.—The items omitted above are combined in one paragraph immediately below.		
<i>For the employment of forest supervisors, deputy forest supervisors, forest rangers, forest guards, and administrative clerical assistants on the national forests, and for additional salaries and field station expenses, including the maintenance of nurseries, collecting seed, and planting, necessary for the use, maintenance, improvement, and protection of the national forests and of additional national forests created or to be created under section 11 of the act of Mar. 1, 1911 (36 Stats. at L., p. 963), and lands under contract for purchase or for the acquisition of which condemnation proceedings have been instituted for the purposes of said act, and for necessary miscellaneous expenses incident to the general administration of the Forest Service and of the national forests:</i>		
<i>In National Forest District One, Montana, Washington, Idaho, South Dakota</i> \$949,815.00		
<i>In National Forest District Two, Colorado, Wyoming, South Dakota, Nebraska, Michigan, Minnesota</i> 540,322.00		
<i>In National Forest District Three, Arizona and New Mexico</i> 459,942.00		
<i>In National Forest District Four, Utah, Idaho, Wyoming, Nevada, Arizona</i> 601,695.00		
<i>In National Forest District Five, California and Nevada</i> 621,135.00		
<i>In National Forest District Six, Washington and Oregon</i> 651,970.00		
<i>In National Forest District Seven, Arkansas, Alabama, Florida, Oklahoma, South Carolina, North Carolina, Tennessee, Virginia, West Virginia, New Hampshire, Maine, Porto Rico</i> 220,173.00		
<i>In National Forest District Eight, Alaska</i> 78,040.00		
<i>In the District of Columbia</i> 120,330.00		
In all, for the use, maintenance, improvement, protection, and general administration of the [specified] national forests, [\$2,237,362] \$4,243,422: Provided, That the foregoing amounts appropriated for such purposes shall be available interchangeably in the discretion of the Secretary of Agriculture for the necessary expenditures for fire protection and other unforeseen exigencies: Provided further, That the amount so interchanged shall not exceed in the aggregate 10 per centum of all the amounts so appropriated (acts Mar. 3, 1899, vol. 30, p. 1095, sec. 1; June 3, 1902, vol. 32, p. 295, sec. 1; Feb. 1, 1905, vol. 33, p. 268, sec. 1; June 11, 1906, vol. 34, p. 233, sec. 1; Mar. 1, 1911, vol. 36, p. 963, sec. 1; Mar. 4, 1913, vol. 37, p. 842, sec. 1; Mar. 4, 1915, vol. 38, p. 1099, sec. 1; Mar. 3, 1921, vol. 41, pp. 1325-1330, sec. 1) . \$4,243,422.00		
NOTE.—There is an apparent increase in this item of \$2,006,060, but due to the consolidation in one paragraph of 1,198 statutory forest supervisor, deputy forest supervisor, and forest ranger positions, with salaries aggregating \$1,676,060, and the lump fund item of \$175,000 for the employment of additional forest supervisors and rangers, less the transfer of \$5,000 from the item for Nebraska National Forest to the lump fund for tree planting, the actual increase is \$160,000, as follows:		
(a) \$100,000 for 200 additional fire guards—the minimum number which will protect the Government from excessive losses of our remaining supply of timber. The experience of the past few years has demonstrated beyond question that the force is not sufficient to provide protection from forest fires even in normal years, and the amount requested would be an expenditure justified by good business and public policy.		
(b) \$40,000 to provide for salaries and travel expenses of 20 additional technical men, to provide an adequate force for the rapidly increasing timber business on the National Forests.		
(c) \$20,000 for salary and travel expenses of 10 additional grazing assistants. Because of the heavy use of national forest ranges, the large number of applications in excess of known carrying capacities, and the grave danger of injury to the range and to timber reproduction in the absence of efficient technical administration, such assistance is imperative in carrying out the general range appraisals now in progress.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.					Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
Budget, page 221. General Expenses, Forest Service—Continued.						
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.		
Salaries:		Number.	Number.	Number.		
Associate forester...per annum..	\$4,500.00	1	1	1		
Assistant foresters.....do.....	4,500.00	5	5	5		
Attorney, \$4,000 to \$3,500....do.....		1	1	1		
Law clerk.....do.....	3,250.00		1	1		
District foresters, \$4,500 to \$3,840.....do.....		8	8	9		
Assistant district for- esters, \$3,840 to \$3,000....do.....		27	27	27		
Inspectors, \$4,020 to \$2,160.....do.....		34	34	43		
Chief engineer.....do.....	4,500.00	1	1	1		
Engineers, \$3,840 to \$2,520.....do.....		17	16	19		
Examiners, \$3,840 to \$1,200.....do.....		105	105	113		
Assistant in personnel.....do.....	3,240.00	1	1	1		
Chief of claims.....do.....	2,400.00	1	1	1		
Photographer.....do.....	2,100.00	1	1	1		
Assistant in forest ed- ucation.....do.....	2,400.00	1	1	1		
Assistant in forest dis- tribution.....do.....	1,400.00			1		
Assistant in finance and accounts.....do.....	3,240.00	1	1	1		
District assistant in finance and ac- counts, \$3,000 to \$2,820.....do.....		3	3	1		
Fiscal agents, \$2,520 to \$1,980.....do.....		3	3	3		
Constructors of edu- cational material, \$2,520 to \$2,220.....do.....		1	1	2		
Pilot and gas engi- neer, \$2,160 to \$1,920.....do.....		1	1	1		
Port engineer.....do.....	2,400.00	1	1	1		
Lumbermen, \$2,880 to \$1,500.....do.....		21	21	22		
Scalers, \$2,400 to \$960.....do.....		117	117	87		
Assistants, \$2,000 to \$1,400.....do.....		71	41	36		
Fire assistants, \$1,980 to \$1,380.....do.....		17	17	18		
Forest supervisors, \$3,240 to \$1,780.....do.....		175	35	29		
Deputy forest super- visors, \$2,180 to \$1,580.....do.....		78	5	5		
Forest rangers, \$1,800 to \$840.....do.....		1,026	38	60		
Surveyor-draftsman.....do.....	1,920.00	1	1	1		
Draftsmen, \$2,160 to \$1,200.....do.....		2	2	3		
Surveyors, \$2,220 to \$2,100.....do.....		3	3	1		
Executive assistants, \$2,820 to \$2,100.....do.....		2	2	3		
Translator, \$1,500 to \$1,400.....do.....		1	1	2		
Clerks, \$2,100 to \$900.....do.....		148	27	42		
Map mounter.....do.....	1,200.00	1	1	1		
Blue printers.....do.....	1,200.00	2	2	1		
Collaborators, \$300 to \$12.....do.....		10	10	14		
Clerks, messengers, telephone operators, etc., \$1,200 to \$96.....do.....		240	240	240		
Wages:						
Miscellaneous tempo- rary labor— \$175 to \$40.....per month.....		5,000	5,000	4,380		
Salaries.....		\$2,769,460.00	\$938,490.00	\$763,331.34		
Wages.....		670,500.00	670,500.00	653,420.63		
OTHER OBJECTS OF EXPENDITURE.						
Traveling expenses.....		380,000.00	380,000.00	379,775.29		
Equipment and material.....		193,000.00	193,000.00	193,923.72		
Telephone and telegraph service.....		40,000.00	40,000.00	40,260.89		
Rent (in field).....		75,059.00				
Miscellaneous items.....		113,463.00	190,462.00	190,550.13		
Total.....		4,243,422.00	2,412,362.00	2,226,262.00		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 222.

General Expenses, Forest Service—Continued.

For fighting and preventing forest fires, \$250,000, or so much thereof as may be necessary [and to enable the Secretary of Agriculture to cooperate with the War Department in the maintenance of an air patrol for fire prevention and suppression on the national forests of the Pacific coast and the Rocky Mountain regions, \$50,000: *Provided*, That no part of this appropriation shall be used for the purchase of land or airplanes or for the construction of permanent buildings; in all, \$300,000.] (acts Mar. 3, 1899, vol. 30, p. 1095, sec. 1; June 3, 1902, vol. 32, p. 295, sec. 1; Feb. 1, 1905, vol. 33, p. 268, sec. 1; June 11, 1906, vol. 34, p. 233, sec. 1; Mar. 1, 1911, vol. 36, p. 963, sec. 1; Mar. 4, 1913, vol. 37, p. 842, sec. 1; Mar. 4, 1915, vol. 38, p. 1099, sec. 1; Mar. 3, 1921, vol. 41, pp. 1325–1330, sec. 1)..... \$250,000.00

NOTE.—The decrease of \$50,000 is due to the elimination of the aerial fire patrol fund, and the language of the paragraph is amended accordingly.

This being an emergency appropriation, it is impracticable to submit the detailed estimate of expenditures required by section 10 of the sundry civil act of Aug. 1, 1914.

For the selection, classification, and segregation of lands within the boundaries of national forests that may be opened to homestead settlement and entry under the homestead laws applicable to the national forests; for the examination and appraisal of lands in effecting exchanges authorized by law and for the survey thereof by metes and bounds or otherwise by employees of the Forest Service under the direction of the Commissioner of the General Land Office; and for the survey and platting of certain lands, chiefly valuable for agriculture, now listed or to be listed within the national forests, under the act of June 11, 1906 (34 Stat., p. 233), and the act of Mar. 3, 1899 (30 Stat., p. 1095), as provided by the act of Mar. 4, 1913, [\$75,000] \$60,000 (*same acts*)..... 60,000.00

NOTE.—A decrease of \$15,000 is recommended, as the classification of lands is largely completed and with the exception of Montana and Idaho, the entire survey work will consist hereafter of isolated cases only.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Assistant forester.....per annum..	\$4,500.00	1	1	.....
Assistant district forester, \$3,000 to \$3,480.....do.	.....	1	1	.....
Forest supervisor.....do.	2,400.00	1	1	.....
Engineer, \$3,420 to \$2,520.....do.	.....	1	1	2
Draftsmen, \$2,160 to \$1,920.....do.	.....	2	2	2
Surveyors, \$2,400 to \$1,680.....do.	.....	5	5	4
Examiners, \$2,880 to \$1,500.....do.	.....	.....	.....	17
Executive assistant.....do.	2,820.00	.....	.....	1
Compassmen, \$1,800 to \$1,620.....do.	.....	2	2	2
Timber cruisers.....do.	2,400.00	2	2	2
Transitman.....do.	1,500.00	.....	.....	1
Assistant land classifier.....do.	1,620.00	1	1	1
Forest assistants.....do.	1,500.00	2	2	.....
Clerks, \$1,600 to \$900.....do.	.....	2	2	7
Messenger.....do.	900.00	.....	.....	1
Wages:				
Miscellaneous temporary labor— \$175 to \$70.....per month.....	.....	30	30	45
Salaries.		\$32,000.00	\$35,000.00	\$39,425.62
Wages.		5,000.00	5,000.00	5,670.84
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....	.....	15,000.00	20,000.00	22,170.84
Equipment and material.....	.....	3,000.00	5,000.00	7,825.24
Telephone and telegraph service.....	.....	5,000.00	10,000.00	2,46
Miscellaneous items.....	.....	.....	.....	11,905.00
Total.	.....	60,000.00	75,000.00	87,000.00

For the construction of sanitary facilities and for fire preventive measures on public camp grounds within the national forests when necessary for the protection of the public health or the prevention of forest fires (submitted).....

10,000.00

NOTE.—This is a new item and provides a small appropriation of \$10,000 to meet the need for sanitary and protective measures on the national forests.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Miscellaneous temporary labor— \$75 to \$60.....per month.....	Number. 20	Number. (1)	Number. (1)
Wages.	\$2,400.00	.....	.....
OTHER OBJECTS OF EXPENDITURE.				
Equipment and material.....	7,600.00	.....	.....
Total.	10,000.00	.....	.....

* No appropriation.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.

Total amount to be appropriated under each head of appropriation.

Amount appropriated for the fiscal year ending June 30, 1922.

Budget, page 223.*General Expenses, Forest Service—Continued.*

For the purchase and maintenance of necessary field, office, and laboratory supplies, instruments, and equipments (acts Mar. 3, 1899, vol. 30, p. 1095, sec. 1; June 3, 1902, vol. 32, p. 295, sec. 1; Feb. 1, 1905, vol. 33, p. 268, sec. 1; June 11, 1906, vol. 34, p. 233, sec. 1; Mar. 1, 1911, vol. 36, p. 963, sec. 1; Mar. 4, 1913, vol. 37, p. 842, sec. 1; Mar. 4, 1915, vol. 38, p. 1099, sec. 1; Mar. 3, 1921, vol. 41, pp. 1325–1330, sec. 1)..... \$150,000.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Property assistant.....per annum..	\$2,880.00	1	1	1
Clerk.....do.....	2,500.00			1
Property auditor.....do.....	2,400.00			1
Map mounter.....do.....	1,200.00			1
Photographers, \$2,100 to \$1,400.....do.....				2
Wages:				
Miscellaneous temporary labor.....per diem..	2.50			3
Salaries.....		\$2,880.00	\$2,880.00	\$5,540.15
Wages.....				18.65
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		41,200.00	41,200.00	42,690.85
Traveling expenses.....		300.00	300.00	1,372.67
Equipment and material.....		90,620.00	90,620.00	85,192.67
Miscellaneous items.....		15,000.00	15,000.00	15,014.41
Total.....		150,000.00	150,000.00	149,829.40

For investigations of methods for wood distillation and for the preservative treatment of timber, for timber testing, and the testing of such woods as may require test to ascertain if they be suitable for making paper, for investigations and tests within the United States of foreign woods of commercial importance to industries in the United States, and for other investigations and experiments to promote economy in the use of forest and fiber products, and for commercial demonstrations of improved methods or processes, in cooperation with individuals and companies, [§325,000] §340,000 (same acts).....

340,000.00

NOTE.—An increase of \$15,000. The scope of the forest products investigations should be broadened so as to include experiments and investigations in the use of flax straw, oat straw and hull, corn stalk, and various other agricultural products. The paragraph has been amended accordingly by inserting the words "and fiber" before the word "products."

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Assistant forester.....per annum..	\$4,500.00	1	1	2
Director, \$4,500 to \$4,260.....do.....		1	1	2
Assistant director, \$4,380 to \$4,140.....do.....		1	1	2
Physicists, \$4,260 to \$4,020.....do.....		1	1	2
Pulp and paper engineer.....do.....	4,020.00			1
Engineers in forest products, \$4,260 to \$1,800.....do.....		26	26	22
Associate engineer in forest prod- ucts, \$2,360 to \$2,160.....do.....		2	2	1
Administrative assistant.....do.....	2,460.00	1	1	1
Assistant engineers in forest prod- ucts, \$2,520 to \$1,500.....do.....		8	8	9
Chemists in forest products, \$4,260 to \$2,100.....do.....		8	8	10
Assistant chemists in forest prod- ucts, \$2,520 to \$1,260.....do.....		5	5	14
Examiner, \$3,060 to \$1,920.....do.....		10	10	9
Papermakers, \$1,500 to \$1,260.....do.....		2	2	2
Photographer, \$1,320 to \$1,080.....do.....		1	1	2
Microscopist in forest products.....do.....	2,520.00	1	1	1
Assistant xylotomist.....do.....	1,500.00	1	1	1
Chiefs, section of accounts and supplies, \$2,520 to \$2,340.....do.....		1	1	2
Chief, section industrial investi- gations, \$3,840 to \$3,000.....do.....		1	1	1
Scientific assistant.....do.....	2,400.00	1	1	1
Statisticians, \$2,400 to \$1,800.....do.....		2	2	3
Forest economist.....do.....	4,260.00	1	1	1
Lumberman.....do.....	3,000.00	1	1	1
Specialist in wood structure, \$3,720 to \$3,360.....do.....		1	1	1
Wood technologists \$3,000 to \$2,520.....do.....		3	3	1
Assistant wood technologists, \$2,040 to \$1,500.....do.....		2	2	1
Library assistant.....do.....	1,200.00	1	1	1
Foremen, \$2,520 to \$1,560.....do.....		3	3	2
Telephone operator.....do.....	720.00	1	1	1
Chiefs, section laboratory opera- tion, \$3,600 to \$3,480.....do.....				2
Chief, section of box tests.....do.....	3,240.00			1

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 224.*General Expenses, Forest Service—Continued.*

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries—Continued.				
Forest assistants, \$1,560 to \$1,500 per annum.	do.	3	3	2
Draftsmen, \$1,620 to \$1,200.....do.....				9
Laboratory aids and engineers,				
\$1,800 to \$720.....do.....		23	23	30
Laboratory helpers, \$900 to \$720.....do.....		6	6	.....
Executive clerks, \$2,460 to \$2,000.....do.....		1	1	3
Clerks, \$2,160 to \$900.....do.....		21	21	36
Messenger boys and charwomen, \$540 to \$240.....do.....		9	9	9
Wages:				
Carpenters, \$1,620 to \$1,560.....do.....		4	4	.....
Master mechanic.....do.....	\$1,740.00	1	1	1
Machinists.....do.....	1,500.00	1	1	2
Cabinet maker.....do.....	1,560.00	1	1	.....
Unskilled laborers, \$900 to \$780.....do.....		7	7	6
Salaries.....		\$249,422.00	\$234,422.00	\$149,203.00
Wages.....		19,480.00	19,480.00	11,620.00
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		22,390.00	22,390.00	9,636.00
Equipment and material.....		21,910.00	21,910.00	15,288.00
Telephone and telegraph service.....		1,200.00	1,200.00	764.00
Miscellaneous items.....		25,598.00	25,598.00	36,749.00
Total.....		340,000.00	325,000.00	223,260.00

For experiments and investigations of range conditions within the national forests or elsewhere on the public range, and of methods for improving the range by reseeding, regulation of grazing, and other means (*acts Mar. 3, 1899, vol. 30, p. 1095, sec. 1; June 3, 1902, vol. 32, p. 295, sec. 1; Feb. 1, 1905, vol. 33, p. 268, sec. 1; June 11, 1906, vol. 34, p. 233, sec. 1; Mar. 1, 1911, vol. 36, p. 963, sec. 1; Mar. 4, 1913, vol. 37, p. 842, sec. 1; Mar. 4, 1915, vol. 38, p. 1099, sec. 1; Mar. 3, 1921, vol. 41, pp. 1325-1330, sec. 1*).....

\$35,000.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Inspector, \$3,000 to \$2,520.....per annum.....		2	2	2
Plant ecologist, \$3,840 to \$2,520.....do.....		2	2	2
Examiner, \$2,520 to \$1,500.....do.....		7	7	9
Assistant botanist.....do.....	\$1,980.00	1	1	1
Preparator, \$960 to \$900.....do.....				2
Collaborator.....do.....	300.00	1	1	.....
Plant mounter.....do.....	960.00	1	1	.....
Assistant.....do.....	960.00	1	1	.....
Wages:				
Miscellaneous temporary labor— \$125 to \$90.....per month.....		20	20	20
Salaries.....		\$25,000.00	\$25,000.00	\$25,618.34
Wages.....		2,000.00	2,000.00	1,816.76
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		6,000.00	6,000.00	6,114.28
Equipment and material.....		1,000.00	1,000.00	1,008.38
Telephone and telegraph service.....				37.45
Miscellaneous items.....		1,000.00	1,000.00	404.79
Total.....		35,000.00	35,000.00	35,000.00

For the purchase of tree seed, cones, and nursery stock, for seeding and tree planting within national forests, and for experiments and investigations necessary for such seeding and tree planting, [§120,640] §125,640; Provided, That from the nurseries on the Nebraska National Forest the Secretary of Agriculture, under such rules and regulations as he may prescribe, may furnish young trees free, so far as they may be spared, to residents of the territory covered by "An act increasing the area of homesteads in a portion of Nebraska," approved Apr. 28, 1904 (same acts).....

125,640.00

NOTE.—This item shows an apparent increase of \$5,000. No actual increase is involved, as it merely contemplates the transfer of this amount from the item for Nebraska National Forest, together with the authorization for the free distribution of young trees grown in the nurseries on that forest.

The paragraph has been amended by adding the proviso formerly carried under the Nebraska National Forest.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 225.*General Expenses, Forest Service—Continued.*

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Examiners, \$3,000 to \$1,680.....per annum.		6	6	7
Assistants, \$2,160 to \$1,500.....do.		1	1	4
Forest rangers, \$1,440 to \$1,220.....do.		1	1	2
Clerks, \$900 to \$900.....do.		1	1	1
Wages:				
Miscellaneous temporary labor— \$125 to \$45.....per month.		1,000	1,000	994
Salaries.....		\$24,000.00	\$24,000.00	\$23,753.53
Wages.....		71,000.00	66,000.00	66,799.72
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		7,000.00	7,000.00	7,483.22
Equipment and material.....		17,000.00	17,000.00	16,710.92
Telephone and telegraph service.....		250.00	250.00	241.08
Miscellaneous items.....		0,390.00	0,390.00	5,651.53
Total.....		125,640.00	120,640.00	120,640.00

For training and instruction of forest officers necessary for effective protection and administration of the national forests (submitted).....

\$20,000.00

NOTE.—This is a new item. From an inspection and analysis of the history of forest fires, it has been shown that frequently the losses of timber and expenditures of public money in suppressing the fires would have been much smaller if the forest officers had been more experienced. The amount requested will enable the Forest Service to organize and assemble training camps in each of the four worst fire districts.

Objects of expenditure.	Estimated, 1923.	Estimated, 1922. ¹	Expended, 1921.
Traveling expenses.....	\$10,000.00	.....	.....
Equipment and material.....	1,000.00	.....	.....
Total.....	20,000.00	.....	.....

¹ No appropriation.

For silvicultural, dendrological, and other experiments and investigations independently or in cooperation with other branches of the Federal Government, with States and with individuals, to determine the best methods for the conservative management of forests and forest lands (acts Mar. 3, 1899, vol. 30, p. 1095, sec. 1; June 3, 1902, vol. 32, p. 295, sec. 1; Feb. 1, 1905, vol. 33, p. 268, sec. 1; June 11, 1906, vol. 34, p. 233, sec. 1; Mar. 1, 1911, vol. 36, p. 963, sec. 1; Mar. 4, 1913, vol. 37, p. 842, sec. 1; Mar. 4, 1915, vol. 38, p. 1099, sec. 1; Mar. 3, 1921, vol. 41, pp. 1325-1330, sec. 1).....

85,000.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Director, \$1,260 to \$3,840.....per annum.		2	2	.....
Assistant forester.....do.	\$3,300.00	.....	.....	1
Forester economist, \$1,260 to \$4,020.....do.		1	1	3
Dendrologist.....do.	3,300.00	1	1	.....
Examiner, \$3,060 to \$1,680.....do.		16	17	13
Silviculturist, \$3,240 to \$3,060.....do.		2	2	3
Scientific assistant.....do.	1,000.00	.....	.....	1
Collaborator.....do.	12.00	.....	.....	1
Forest ranger.....do.	1,220.00	.....	.....	1
Clerk.....do.	1,500.00	2	2	.....
Wages:				
Miscellaneous temporary labor— \$100 to \$65.....per month.		40	40	40
Salaries.....		\$65,000.00	\$65,000.00	\$37,562.01
Wages.....		1,200.00	1,200.00	1,073.73
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		10,000.00	10,000.00	6,345.47
Equipment and material.....		1,000.00	1,000.00	919.89
Telephone and telegraph service.....		100.00	100.00	59.70
Miscellaneous items.....		7,700.00	7,700.00	4,639.20
Total.....		85,000.00	85,000.00	50,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 226.**General Expenses, Forest Service—Continued.**

For estimating and appraising timber and other resources on the national forests preliminary to disposal by sale or to the issue of occupancy permits, and for emergency expenses incident to their sale or use, [[\$100,000]] \$112,000 (acts Mar. 3, 1899, vol. 30, p. 1095, sec. 1; June 3, 1902, vol. 32, p. 295, sec. 1; Feb. 1, 1905, vol. 33, p. 268, sec. 1; June 11, 1906, vol. 34, p. 233, sec. 1; Mar. 1, 1911, vol. 36, p. 963; sec. 1; Mar. 4, 1913, vol. 37, p. 842, sec. 1; Mar. 4, 1915, vol. 38, p. 1099, sec. 1; Mar. 3, 1921, vol. 41, pp. 1325-1330, sec. 1)..... \$112,000.00

NOTE.—An increase of \$12,000 to employ the additional number of men required on water-power work, the new water-power act having produced an enormous increase in this business.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Engineers, \$3,840 to \$2,280..... per annum.		11	.....	1
Surveyors, \$2,160 to \$1,620.....do.		2	1	2
Law clerk.....do.	\$3,250	1	.....	.....
Examiners, \$3,600 to \$1,620.....do.		11	9	14
Assistants, \$1,920 to \$1,080.....do.		13	13	12
Forest rangers, \$1,100 to \$1,080.....do.		.....	.....	2
Clerks, \$1,400 to \$1,200.....do.		2	.....	.....
Wages:				
Miscellaneous temporary labor— \$100 to \$65.....per month.		140	130	120
Salaries.....		\$57,000.00	\$35,000.00	\$37,854.82
Wages.....		17,000.00	27,000.00	17,262.48
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		10,000.00	10,000.00	6,700.24
Equipment and material.....		10,000.00	10,000.00	3,627.87
Telephone and telegraph service.....		1,000.00	1,000.00	961.24
Miscellaneous items.....		17,000.00	17,000.00	13,593.35
Total.....		112,000.00	100,000.00	80,000.00

For other miscellaneous forest investigations, and for collating, digesting, recording, illustrating, and distributing the results of the experiments and investigations herein provided for (same acts).....

31,280.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Assistant forester, \$4,500 to \$4,000. per annum.		1	1	2
Inspector, \$3,600 to \$3,360.....do.		1	1	1
Examiner.....do.	\$3,000.00	.....	.....	2
Lithograph map counter.....do.	1,980.00	1	1	1
Chief of publication, \$3,000 to \$2,500.....do.		1	1	1
Assistant editor.....do.	2,220.00	1	1	1
Geographer.....do.	2,200.00	1	1	1
Statistician.....do.	2,100.00	1	1	1
Chief photographer.....do.	2,100.00	.....	.....	1
Civil engineer, \$2,100 to \$2,000.....do.		1	1	1
Clerk.....do.	1,400.00	.....	.....	1
Collaborator.....do.	12.00	.....	1	1
Salaries.....		\$21,200.00	\$21,212.00	\$19,627.36
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		300.00	50.00	1,083.37
Equipment and material.....		9,680.00	9,868.00	10,288.17
Telephone and telegraph service.....		100.00	150.00	.90
Miscellaneous items.....		.....	.....	280.20
Total.....		31,280.00	31,280.00	31,280.00

For the construction and maintenance of roads, trails, bridges, fire lanes, telephone lines, cabins, fences, and other improvements necessary for the proper and economical administration, protection, and development of the national forests, [[\$400,000]] \$450,000: Provided, That not to exceed \$50,000 may be expended for the construction and maintenance of boundary and range division fences, counting corrals, stock driveways and bridges, the development of stock watering places, and the eradication of poisonous plants on the national forests: Provided further, That the Secretary of Agriculture is authorized to use not to exceed \$5,000 of the funds herein appropriated for the purchase of lands needed for ranger stations: And provided further, That twenty buildings may be erected at a cost of not to exceed \$3,000 each: And [Provided further] provided also, That hereafter no part of any funds appropriated for the Forest Service shall be used to pay the transportation or traveling expenses of any forest officer or agent except he be traveling on business directly connected with the Forest Service and in furtherance of the works, aims, and objects specified and authorized by law: And provided [further] also, That hereafter no part of any funds appropriated for the Forest Service shall be paid or used for the purpose of paying for, in whole or in part, the preparation or publication of any newspaper or magazine article, but this shall not prevent the giving out to all persons, without discrimination, including newspapers and magazine writers and publishers, of any facts or official information of value to the public [And provided also, That the grazing fees payable under existing law for the use of the national forests during

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922
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Budget, page 227.*General Expenses, Forest Service—Continued.*

the calendar year 1921 may be paid on the 1st day of September, 1921, and in the event such payment is not made on or before such deferred date, penalties shall be thereafter imposed in accordance with the provisions of existing law. [acts Mar. 3, 1899, vol. 30, p. 1095, sec. 1; June 3, 1902, vol. 32, p. 295, sec. 1; Feb. 1, 1905, vol. 33, p. 268, sec. 1; June 11, 1906, vol. 34, p. 233, sec. 1; Mar. 1, 1911, vol. 36, p. 963, sec. 1; Mar. 4, 1913, vol. 37, p. 842, sec. 1; Mar. 4, 1915, vol. 38, p. 1099, sec. 1; Mar. 3, 1921, vol. 41, pp. 1325-1330, sec. 1] \$450,000.00

NOTE.—An increase of \$50,000 which will be used for the construction of lookout houses for fire protection, and telephone lines to complete the system of communication.

The language of the paragraph has been amended so as to authorize the expenditure of \$5,000 for the purchase of land for ranger stations where no Government land is available.

Provision is also specifically made for the erection of 20 buildings at a cost of not to exceed \$3,000 each.

The word "hereafter" is inserted in the last two provisos. The proviso providing for the postponement of grazing fees payable under existing law to Sept. 1, 1921, is omitted.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.	
Salaries:		Number.	Number.	Number.	
Inspector.....	per annum.....	\$3,000.00	1	1	1
Engineer, \$3,000 to \$1,980.....	do.....	4	4	5	
Forest supervisor.....	do.....	2,520.00			1
Examiner, \$3,000 to \$1,800.....	do.....		7	7	9
Assistant in finance and accounts, \$3,000 to \$2,820.....	do.....		1	1	2
Forest ranger, \$1,200 to \$900.....	do.....		3	3	3
Assistant.....	do.....	840.00	2	2	2
Clerk.....	do.....	900.00			1
Wages:					
Miscellaneous temporary labor— \$1,200 to \$600.....	do.....		1,500	1,500	1,500
Salaries.....		\$37,850.00	\$37,850.00	\$35,326.36	
Wages.....		200,000.00	160,000.00	160,809.50	
OTHER OBJECTS OF EXPENDITURE.					
Traveling expenses.....		15,000.00	15,000.00	14,987.81	
Equipment and material.....		150,000.00	140,000.00	142,652.06	
Telephone and telegraph service.....		47,150.00	47,150.00	103.70	
Miscellaneous items.....				46,120.57	
Total.....		450,000.00	400,000.00	400,000.00	
In all, for general expenses.....					\$5,912,342.00
CONSTRUCTION WORK CONTEM- PLATED, 1923.	CONSTRUCTION WORK AP- PROVED, 1922.		CONSTRUCTION WORK DONE, 1921.		\$4,034,282.00
Based on records and present market conditions of labor and material as far as practicable, the average unit cost of con- struction work on the national forests for 1923 are estimated as follows:	The following construction work has been approved from this appropriation:		Of this appropriation there was expended for construction work on national forests as follows:		
Trails..... per mile.. \$100	Trails, 6 miles.....	\$600	Telephone lines, 1,360 miles.....	\$85,794	
Telephone lines..do... 70	Telephone lines, 2,053 miles.....	141,119	Fire breaks, 9 miles....	908	
Fire breaks..do... 112	Fire breaks, 10 miles....	1,120	Fences, 61 miles.....	11,080	
Fences..do... 180	Fences, 61 miles.....	11,080	Lookout structures, 67.....	32,712	
Lookout structures, each..... 500	Lookout structures, 67.....	32,712	Dwellings, 39.....	22,315	
Dwellings.....each.. 1,200	Dwellings, 39.....	22,315	Barns, 14.....	4,663	
Barns.....each.. 350	Barns, 14.....	4,663	Other buildings, 90.....	8,013	
Other buildings..... 90	Other buildings, 90.....	8,013	Corrals, 3.....	108	
Corrals..... 35	Corrals, 3.....	108	Bridges, 2.....	525	
Bridges..... 275	Bridges, 2.....	525	Water improvements, 76.....	11,809	
Water improvements.. 200	Water improvements, 76.....	7,706	Corrals, 9.....	118	

To enable the Secretary of Agriculture more effectively to carry out the provisions of the act of Mar. 1, 1911 (36 Stat., p. 961), entitled "An act to enable any State to cooperate with any other State or States, or with the United States, for the protection of watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," [§25,770] \$27,000 of the moneys appropriated therein, or for carrying out its purposes, shall be available for the employment of agents, title attorneys, clerks, assistants, and other labor, and for the purchase of supplies and equipment required for the purpose of said act in the city of Washington.

NOTE.—The amount made available from the Weeks law fund for administrative expenses in Washington is changed from \$25,770 to \$27,000, an increase of \$1,230, but carries no appropriation.

Statement of clerks employed in District of Columbia on lump-sum appropriations for 30 days or more during the fiscal year ended June 30, 1921 (32 Stat., p. 303).

GENERAL EXPENSES—FOREST SERVICE.

2 clerks, at \$1,400 each per annum; 2 clerks, at \$1,200 each per annum.

FEDERAL FOREST ROAD CONSTRUCTION.

1 clerk, \$1,800 per annum.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
Budget, page 874. <i>Refunds to Depositors, Excess of Deposits, National Forests Fund—</i> All money received, by or on account of the Forest Service for timber, or from any other source of forest-reservation revenue, is covered into the Treasury of the United States as a miscellaneous receipt; and there is appropriated so much as may be necessary to make refunds to depositors of money deposited by them in excess of amounts found actually due from them to the United States, and so much as may be necessary to refund to the rightful claimants such sums as may be found to have been erroneously collected for the use of lands, or for timber or other resources sold from lands located within, but not a part of, the national forests, or for alleged illegal acts done upon such lands, which acts are subsequently found to have been proper and legal. The Secretary of Agriculture is required to make annual report to Congress of the amounts refunded hereunder (<i>acts Mar. 4, 1907, vol. 34, pp. 1256, 1270, sec. 1; Mar. 4, 1911, vol. 36, p. 1253, sec. 1</i>).....	\$75,000.00	\$75,000.00
Budget, page 873. <i>National Forest Reservation Commission—</i> A sum sufficient to pay the necessary expenses of the commission and its members, not to exceed an annual expenditure of \$25,000, has been appropriated, to be paid out on the audit and order of the president of the commission, which audit and order is conclusive and binding upon all departments as to the correctness of the accounts of the commission (<i>act Mar. 1, 1911, vol. 36, p. 963, sec. 14</i>).....	25,000.00	25,000.00
Budget, page 874. SPECIAL FUNDS. <i>Payment to States and Territories from the National Forests Fund—</i> Twenty-five per cent of all money received from each forest reserve during any fiscal year is paid at the end thereof by the Secretary of the Treasury to the State or Territory in which the reserve is situated, to be expended as the State or Territorial legislature may prescribe for the benefit of the public schools and public roads of the county or counties in which the forest reserve is situated. When any forest reserve is in more than one State or Territory or county the distributive share to each from the proceeds of the reserve is proportional to its area therein (<i>acts Mar. 4, 1907, vol. 34, p. 1270, sec. 1; May 23, 1908, vol. 35, p. 260, sec. 1; Mar. 1, 1911, vol. 36, p. 963, sec. 13; June 30, 1914, vol. 38, p. 441, sec. 1</i>).....	1,200,000.00	1,200,000.00
Budget, page 875. <i>Cooperative Work, Forest Service—</i> All moneys received as contributions toward cooperative work in forest investigations, or the protection and improvement of the national forests, including deposits received from timber purchasers to cover the cost to the United States of disposing of brush and other débris resulting from cutting operations in sales of national forest timber, are covered into the Treasury and constitute a special fund, which is appropriated and made available until expended, as the Secretary of Agriculture may direct, for the payment of the expenses of the investigations, protection, or improvements by the Forest Service, and for refunds to the contributors of amounts paid in by them in excess of their share of the cost of the investigations, protection, or improvements. Annual report is required to be made to Congress of all moneys received as contributions for such cooperative work (<i>acts Mar. 3, 1905, vol. 33, p. 1070, sec. 1; June 30, 1906, vol. 34, p. 684, sec. 1; June 30, 1914, vol. 38, p. 430, sec. 1; Aug. 11, 1916, vol. 39, p. 462, sec. 1</i>).....	1,800,000.00	1,800,000.00
<i>Payment to School Funds, Arizona and New Mexico, National Forests Fund—</i> At the close of each fiscal year there is paid by the Secretary of the Treasury to each of these two States, as income for its common-school fund, such proportion of the gross proceeds of all the national forests within the State as the area of lands granted to the State for school purposes within these forest reserves may bear to the total area of all national forests within these States (<i>act June 20, 1910, vol. 36, p. 557, sec. 1</i>).....	70,000.00	70,000.00
<i>Roads and Trails for States, National Forests Fund—</i> An additional 10 per cent of all moneys received from the national forests during each fiscal year is available at the end thereof, to be expended by the Secretary of Agriculture for the construction and maintenance of roads and trails within the national forests in the States from which such proceeds are derived (<i>act Mar. 4, 1913, vol. 37, p. 843, sec. 1</i>).....	500,000.00	500,000.00
Total for Forest Service	10,364,482.00	10,169,302.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
Budget, page 228.		
BUREAU OF CHEMISTRY		
<i>Salaries, Bureau of Chemistry—</i>		
Chemist, who shall be chief of bureau (increase of \$2,500) (<i>R. S., p. 87, secs. 520-523; acts Apr. 14, 1896, vol. 29, p. 100, sec. 1; Mar. 2, 1901, vol. 31, p. 930, sec. 1; Mar. 3, 1921, vol. 41, p. 1331, sec. 1</i>).....	\$7,500.00	
Chief clerk, \$2,500.】		
Two administrative assistants at \$2,500 each (increase of 1) (<i>same acts</i>).....	5,000.00	
Five executive clerks, at \$2,000 each (increase of 1) (<i>same acts</i>).....	10,000.00	
Clerks:		
Fourteen of class 4 (<i>same acts</i>).....	25,200.00	
Sixteen of class 3 (<i>same acts</i>).....	25,600.00	
Six, at \$1,440 each (<i>same acts</i>).....	8,640.00	
Thirty of class 2 (<i>same acts</i>).....	42,000.00	
Eighteen, at \$1,300 each (increase of 12) (<i>same acts</i>).....	23,400.00	
Fifty-one of class 1 (decrease of 14, 1 by transfer to statutory roll, Division of Publications, and 13 dropped) (<i>same acts</i>).....	61,200.00	
Sixteen, at \$1,020 each (decrease of 1 by transfer to statutory roll, Division of Publications) (<i>same acts</i>).....	16,320.00	
Machine operators:		
One, \$1,100, transferred to statutory roll, Division of Publications.】	2,000.00	
Two, at \$1,000 each (<i>same acts</i>).....		
Laboratory helpers:		
Eight, at \$1,200 each (<i>same acts</i>).....	9,600.00	
Ten, at \$1,020 each (<i>same acts</i>).....	10,200.00	
Four, at \$960 each (<i>same acts</i>).....	3,840.00	
Five, at \$900 each (<i>same acts</i>).....	4,500.00	
Ten, at \$840 each (increase of 2) (<i>same acts</i>).....	8,400.00	
Laboratory helpers or laborers:		
Six, at \$780 each (<i>same acts</i>).....	4,680.00	
Twenty-six, at \$720 each (decrease of 1) (<i>same acts</i>).....	18,720.00	
Ten, at \$600 each (decrease of 5) (<i>same acts</i>).....	6,000.00	
Mechanics:		
One (<i>same acts</i>).....	2,280.00	
Three, at \$1,800 each (increase of 1 by transfer from lump fund) (<i>same acts</i>).....	5,400.00	
One (<i>same acts</i>).....	1,620.00	
Two at \$1,400 each (<i>same acts</i>).....	2,800.00	
Three at \$1,200 each (<i>same acts</i>).....	3,600.00	
One (<i>same acts</i>).....	1,020.00	
【One \$960.】		
Two student assistants, at \$300 each (<i>same acts</i>).....	600.00	
Skilled laborers:		
One (<i>same acts</i>).....	1,050.00	
One (<i>same acts</i>).....	1,020.00	
One (<i>same acts</i>).....	900.00	
One (<i>same acts</i>).....	840.00	
【Two messengers, at \$840 each.】		
Messenger boys:		
One (<i>same acts</i>).....	720.00	
Eight, at \$600 each (<i>same acts</i>).....	4,800.00	
Three, at \$540 each (<i>same acts</i>).....	1,620.00	
Two, at \$480 each (decrease of 4) (<i>same acts</i>).....	960.00	
【Four laborers, at \$480 each.】		
Thirteen charwomen, at \$240 each (<i>same acts</i>).....	3,120.00	
		\$325,150.00
		\$330,690.00

NOTE.—Apparent decrease \$5,540; actual decrease \$4,020. There is an increase of \$2,500 in the salary of the chief of bureau from \$5,000 to \$7,500, and 16 new places with salaries aggregating \$21,780 have been added. Total increase, \$24,280. Thirty-one places with salaries totaling \$28,300 have been dropped. Three employees, whose salaries amount to \$3,320 have been transferred to the Division of Publications, and a mechanic, at \$1,800, has been transferred from the lump fund of this bureau, and that fund correspondingly reduced. See introductory statement of Secretary of Agriculture.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 229.*General Expenses, Bureau of Chemistry—*

For all necessary expenses, for chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, for the employment of such assistants, clerks, and other persons as the Secretary of Agriculture may consider necessary for the purposes named, in the city of Washington and elsewhere, in conducting investigations; collecting, reporting, and illustrating the results of such investigations; and for rent outside of the District of Columbia for carrying out the investigations and work herein authorized as follows (*acts June 3, 1902, vol. 32, p. 303, sec. 1; June 30, 1906, vol. 34, pp. 768-770, sec. 1; Mar. 3, 1921, vol. 41, pp. 1331, 1332, sec. 1*):

For conducting the investigations contemplated by the act of May 15, 1862, relating to the application of chemistry to agriculture; for the biological investigation of food and drug products and substances used in the manufacture thereof, including investigations of the physiological effects of such products on the human organism, **[\$70,400]** **\$75,400 (same acts)**.....

\$75,400.00

NOTE.—An increase of \$5,000 for extending investigations of the use of casina or youpon as a beverage. This plant, which grows wild in the South Atlantic and Gulf States, produces a caffeine beverage somewhat similar to tea. Preliminary work has developed that by special preparation a delightful beverage can be obtained which, in the opinion of many, is equal in every way to tea.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Chemists in charge, \$4,260 to \$2,760 per annum.		4	4	6
Chemists, \$3,240 to \$1,440.....do.....		30	20	28
Scientific assistant.....do.....	\$2,520.00	1	1	1
Assistants, \$2,520 to \$1,800.....do.....		2	2	3
Laboratorians, \$1,620 to \$1,440.....do.....		2	2	3
Aids, \$1,200 to \$900.....do.....		2	2	3
Draftsman.....do.....	2,040.00	1	1	.....
Clerks.....do.....	1,800.00	.....	1	.....
Wages:				
Mechanic.....do.....	1,620.00	.....	.....	1
Painter.....per diem..	6.00	.....	.....	1
Salaries.....		\$58,300.00	\$55,300.00	\$53,946.77
Wages.....		.....	.....	720.00
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		550.00	550.00	533.85
Traveling expenses.....		4,700.00	4,200.00	3,769.64
Equipment and material.....		8,600.00	7,600.00	6,819.59
Telephone and telegraph service.....		500.00	500.00	462.00
Rent (in field).....		1,200.00	1,200.00	960.00
Miscellaneous items.....		1,550.00	1,050.00	1,093.28
Total.....		75,400.00	70,400.00	68,305.13

For collaboration with other departments of the Government desiring chemical investigations and whose heads request the Secretary of Agriculture for such assistance, and for other miscellaneous work (*same acts*).....

14,000.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Chemists in charge, \$4,260 to \$3,540 per annum.....		3	3	3
Engineer.....per annum.....	\$3,540.00	.....	.....	1
Chemists, \$3,240 to \$1,620.....do.....		4	4	2
Chemists, \$7 to \$6.....per diem.....		.....	.....	2
Assistants.....per annum.....	2,280.00	.....	.....	2
Salaries.....		\$12,625.00	\$12,625.00	\$12,040.99
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		70.00	70.00	103.65
Traveling expenses.....		900.00	900.00	1,062.91
Equipment and material.....		300.00	300.00	268.40
Telephone and telegraph service.....		25.00	25.00	38.18
Miscellaneous items.....		80.00	80.00	94.90
Total.....		14,000.00	14,000.00	13,609.03

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 230.*General Expenses, Bureau of Chemistry—Continued.*

For investigation and experiment in the utilization, for coloring, medicinal, and technical purposes, of raw materials grown or produced in the United States, in cooperation with such persons, associations, or corporations as may be found necessary, including repairs, alterations, improvements, or additions to a building on the Arlington Experimental Farm. [§68,260] \$56,260 (acts June 3, 1902, vol. 32, p. 303, sec. 1; June 30, 1906, vol. 34, pp. 768-770, sec. 1; Mar. 3, 1921, vol. 41, pp. 1331, 1332, sec. 1).....

\$56,260.00

NOTE.—An apparent decrease of \$12,000, but taking into consideration the transfer to the statutory roll of one mechanic at \$1,800 the actual decrease is \$10,200.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:				
Chemists, \$4,260 to \$1,620.....per annum	.....do.....	9	8	19
Crystallographer.....do.....	\$3,000.00	.....	.....	1
Assistants.....do.....	3,000.00	.....	.....	1
Instrument maker.....do.....	2,280.00	.....	.....	1
Laboratorians, \$1,440 to \$1,200.....do.....	.....	3	2	3
Editor.....do.....	2,040.00	.....	.....	1
Inspector.....do.....	2,000.00	.....	.....	1
Clerks, \$1,800 to \$1,300.....do.....	.....	.....	2	2
Multigraph operator.....do.....	1,200.00	.....	.....	1
Wages:				
Mechanic, \$1,800 to \$1,620.....do.....	.....	2	2	3
Carpenter, \$7 to \$6.....per diem.....	.....	1	1	4
Plumbers, \$8 to \$4.....do.....	.....	2	.....	3
Salaries.....	.....	\$23,424.00	\$22,519.00	\$41,158.54
Wages.....	.....	4,356.00	4,041.00	4,395.86
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....	.....	200.00	150.00	124.32
Traveling expenses.....	.....	500.00	350.00	393.23
Equipment and material.....	.....	26,380.00	20,100.00	20,506.22
Telephone and telegraph service.....	.....	200.00	200.00	160.68
Miscellaneous items.....	.....	1,200.00	900.00	917.13
Total.....	.....	56,260.00	48,260.00	67,655.98

For the investigation and development of methods for the manufacture of table sirup and sugar and of methods for the manufacture of sweet sirups by the utilization of new agricultural sources, [§20,000.] \$10,000 [Provided, That \$12,500 of said amount may be used for investigation and experimenting in production of sirups, sugar, starch, dextrine, and other commercial products from the sweet potato] (same acts).....

10,000.00

NOTE.—There is a decrease in this item of \$10,000. The proviso authorizing the use of \$12,500 for investigations and experiments in the production of sirups, sugar, starch, dextrine, and other commercial products from the sweet potato is also omitted.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Chemists in charge, \$3,540 to \$3,000 per annum.....	.....do.....	2	3	2
Scientific assistants, \$2,520 to \$2,280....do.....	.....	.....	1	1
Assistants, \$2,520 to \$1,800.....do.....	.....	2	2	1
Chemists, \$2,040 to \$1,440.....do.....	.....	1	3	3
Chemists, \$10 to \$7.....per diem.....	.....	.....	2	2
Draftsman.....per annum.....	\$1,620.00	.....	1	.....
Laboratorian.....do.....	\$1,440.00	1	1	1
Salaries.....	.....	\$4,900.00	\$9,800.00	\$5,078.40
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....	.....	75.00	150.00	156.86
Traveling expenses.....	.....	1,500.00	3,000.00	2,969.10
Equipment and material.....	.....	3,000.00	6,000.00	5,602.51
Telephone and telegraph service.....	.....	75.00	150.00	124.45
Miscellaneous items.....	.....	450.00	900.00	845.49
Total.....	.....	10,000.00	20,000.00	14,776.81

• Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.

Total amount to be appropriated under each head of appropriation.
Amount appropriated for the fiscal year ending June 30, 1922.

Budget, page 231.*General Expenses, Bureau of Chemistry—Continued.*

For enabling the Secretary of Agriculture to carry into effect the provisions of the act of June 30, 1906, entitled "An act for preventing the manufacture, sale, or transportation of adulterated, or misbranded, or poisonous, or deleterious foods, drugs, medicines, and liquors, and for regulating traffic therein, and for other purposes"; to cooperate with associations and scientific societies in the revision of the United States Pharmacopoeia and development of methods of analysis, and for investigating the character of the chemical and physical tests which are applied to American food products in foreign countries, and for inspecting the same before shipment when desired by the shippers or owners of these products intended for countries where chemical and physical tests are required before the said products are allowed to be sold therein, \$671,401; *Provided*, That not more than \$4,280 shall be used for travel outside of the United States (*acts June 3, 1902, vol. 32, p. 303, sec. 1; June 30, 1906, vol. 34, pp. 768-770, sec. 1; Mar. 3, 1921, vol. 41, pp. 1331, 1332, sec. 1*).....

\$671,401.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Assistant chief.....per annum..	\$4,500.00	1	1	1
Chiefs of district, \$4,500 to \$4,000.....do.....	3	3	3	
Chemists in charge of laboratories, \$4,500 to \$3,000.....do.....	13	13	16	
Chiefs of stations, \$4,000 to \$2,280.....do.....	14	14	13	
Attorney.....do.....	4,000.00	1	1	1
Assistant solicitor.....do.....	4,000.00			1
Assistants, \$4,000 to \$1,440.....do.....		12	12	12
Chemists, \$3,240 to \$1,440.....do.....		95	95	116
Bacteriologists, \$2,520 to \$1,620.....do.....		5	5	5
Microanalysts, \$3,000 to \$1,620.....do.....		4	4	3
Mycologist.....do.....	2,040.00			1
Pharmacologist.....do.....	2,520.00	1	1	1
Pharmacognosist.....do.....	2,520.00	1	1	1
Crystallographers, \$3,240 to \$3,000.....do.....		1	1	1
Scientific assistants, \$2,520 to \$1,440.....do.....		3	3	5
Laboratorians, \$1,620 to \$1,200.....do.....		8	8	9
Aids, \$1,200 to \$1,080.....do.....		1	1	1
Editor.....do.....	2,040.00	1	1	1
Inspectors, \$2,500 to \$1,400.....do.....		44	44	2
Wharf examiners.....do.....	1,600.00	5	5	5
Draftsman.....do.....	2,040.00	1	1	1
Packer.....do.....	1,620.00	1	1	1
Clerks, \$1,800 to \$1,000.....do.....		2	2	4
Engineer.....do.....	1,680.00	1	1	
Scientific aids and charwomen, \$720 to \$240.....do.....		2	2	4
Specialists, chemists experts, and inves- tigators, \$12 to \$5.....per diem.....		4	4	4
Collaborators.....do.....	9.00	1	1	
Do.....per annum.....	300.00	71	71	71
Wages:				
Mechanic.....do.....	1,800.00	1	1	2
Painter.....per diem.....	6.00			1
Salaries:		\$475,871.00	\$475,871.00	\$384,110.63
Wages:		600.00	600.00	1,472.25
OTHER OBJECTS OF EXPENDITURE.				
Stationery.....		4,500.00	4,500.00	4,063.36
Traveling expenses.....		75,000.00	75,000.00	73,336.30
Equipment and material.....		60,000.00	60,000.00	53,688.28
Telephone and telegraph service.....		12,000.00	12,000.00	11,912.59
Miscellaneous items.....		23,750.00	23,750.00	22,794.95
Rent (in field).....		19,680.00	19,680.00	16,000.00
Total.		671,401.00	671,401.00	567,378.36

For enabling the Secretary of Agriculture to carry into effect the provisions of the act approved March 2, 1897, entitled "An act to prevent the importation of impure and unwholesome tea," as amended, including payment of compensation and expenses of the members of the board appointed under section 2 of the act and all other necessary officers and employees (*same acts*).....

38,000.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Supervising examiner.....per annum..	\$3,500.00	1	1	1
Examiners, \$3,000 to \$700.....do.....		8	8	7
Samplers, \$1,450 to \$1,000.....do.....		8	6	7
Helper.....do.....	1,200.00			1
Clerks, \$1,500 to \$1,200.....do.....				4
Messenger.....do.....	600.00			1
Wages:				
Mechanic.....do.....	1,800.00	1	1	
Salaries:		\$31,540.00	\$28,320.00	\$28,515.34
Wages:		600.00	600.00	
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		50.00	50.00	50.40
Traveling expenses.....		2,000.00	1,930.00	1,857.18
Equipment and material.....		3,210.00	3,500.00	2,460.18
Telephone and telegraph service.....		200.00	200.00	187.27
Miscellaneous items.....		400.00	400.00	437.61
Total.		38,000.00	35,000.00	33,507.98

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.

Total amount to be appropriated under each head of appropriation.

Amount appropriated for the fiscal year ending June 30, 1922.

Budget, page 232.*General Expenses, Bureau of Chemistry—Continued.*

For investigating the grading, weighing, handling, transportation, and uses of naval stores, the preparation of definite type samples thereof, and for the demonstration of improved methods or processes of preparing naval stores, in cooperation with individuals and companies, including the employment of necessary persons and means in the city of Washington and elsewhere (*acts June 3, 1902, vol. 32, p. 303, sec. 1; June 30, 1906, vol. 34, pp. 768-770, sec. 1; Mar. 3, 1921, vol. 41, pp. 1331, 1332, sec. 1*).....

\$10,000.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Chemist in charge.....per annum..	\$4,260.00	1	1	1
Chemists, \$3,240 to \$1,440.....do.....		4	3	4
Chemists.....per diem.....	5.00	1	1	-----
Laboratorian.....per annum.....	1,200.00	1	1	1
Draftsman.....do.....	2,040.00	1	1	-----
Multigraph operator.....do.....	1,000.00	-----	-----	1
Salaries.....	-----	\$8,040.00	\$7,100.00	\$8,061.55
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		50.00	50.00	50.00
Traveling expenses.....		1,025.00	900.00	760.03
Equipment and material.....		800.00	775.00	775.72
Telephone and telegraph service.....		25.00	25.00	20.25
Miscellaneous items.....		60.00	50.00	23.74
Total.....	10,000.00	8,900.00	9,691.29	

For the investigation and development of methods of manufacturing insecticides and fungicides, and for investigating chemical problems relating to the composition, action, and application of insecticides and fungicides (*same acts*).....

20,000.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:				
Assistant chief.....per annum..	\$4,500.00	-----	-----	1
Chemists, \$3,500 to \$1,620.....do.....		9	7	8
Assistants, \$3,780 to \$3,000.....do.....		-----	-----	2
Draftsman.....do.....	2,010.00	-----	-----	1
Clerk.....do.....	1,000.00	-----	-----	1
Salaries.....	-----	\$16,680.00	\$13,680.00	\$20,485.25
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		200.00	200.00	244.10
Traveling expenses.....		600.00	600.00	436.96
Equipment and material.....		2,415.00	2,415.00	2,166.65
Telephone and telegraph service.....		5.00	5.00	.40
Miscellaneous items.....		100.00	100.00	51.10
Total.....	20,000.00	17,000.00	23,384.46	

For the study and improvement of methods of dehydrating materials used for food, in cooperation with such persons, associations, or corporations as may be found necessary, and to disseminate information as to the value and suitability of such products for food [**\$23,500**], \$20,500 (*same acts*).....

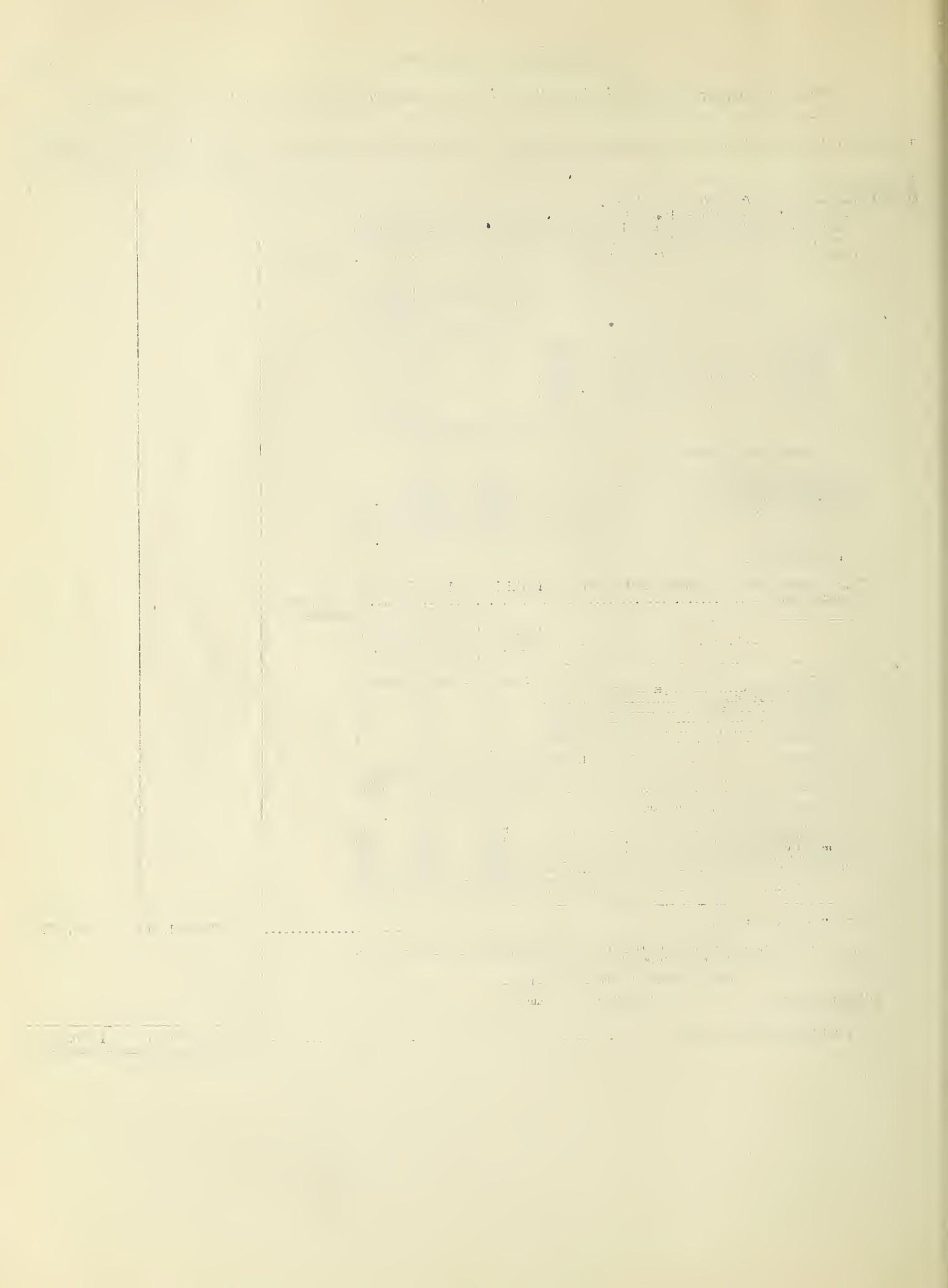
20,500.00

NOTE.—There is a decrease in this item of \$3,000.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number
Investigators, \$3,240 to \$2,280. . .per annum..		2	2	1
Engineer in charge ..do.....	\$3,510.00	-----	1	1
Chemists in charge ..do.....	2,500.00	-----	1	1
Chemists, \$1,800 to \$1,620 ..do.....		2	2	2
Assistants, \$2,520 to \$2,160 ..do.....		1	-----	4
Draftsman ..do.....	1,620.00	1	1	-----
Clerks, \$1,300 to \$1,200 ..do.....		-----	-----	5
Photostat operator ..do.....	1,000.00	-----	-----	1
Salaries.....	-----	\$10,000.00	\$10,500.00	\$14,138.56
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		100.00	100.00	100.55
Traveling expenses.....		5,500.00	5,100.00	3,929.81
Equipment and material.....		4,300.00	4,200.00	3,376.73
Telephone and telegraph service.....		300.00	300.00	271.20
Miscellaneous items.....		300.00	300.00	260.12
Total.....	20,500.00	20,500.00	22,076.97	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.																																																																																															
Budget, page 233. <i>General Expenses, Bureau of Chemistry—Continued.</i>																																																																																																	
For the investigation and development of methods for the prevention of grain-dust, smut-dust, and other plant-dust explosions and resulting fires, including fires in cotton gins and cotton oil mills (acts June 3, 1902, vol. 32, p. 303, sec. 1; June 30, 1906, vol. 34, pp. 768-770, sec. 1; Mar. 3, 1921, vol. 41, pp. 1331, 1332, sec. 1).....	\$25,000.00																																																																																																
<table border="1"> <thead> <tr> <th>Employees.</th><th>Rate.</th><th>Estimated, 1923.</th><th>Estimated, 1922.</th><th>Expended, 1921.¹</th></tr> </thead> <tbody> <tr> <td>Salaries:</td><td></td><td>Number.</td><td>Number.</td><td>Number.</td></tr> <tr> <td>Engineer in charge.....per annum..</td><td>\$3,540.00</td><td>1</td><td>1</td><td>1</td></tr> <tr> <td>Engineers</td><td>2,280.00</td><td>3</td><td>3</td><td>3</td></tr> <tr> <td>Assistants</td><td>2,280.00</td><td>2</td><td>2</td><td>2</td></tr> <tr> <td>Chemists.....do.</td><td>2,760.00</td><td>1</td><td>-----</td><td>-----</td></tr> <tr> <td>Do.....per diem.</td><td>10.00</td><td>1</td><td>1</td><td>1</td></tr> <tr> <td>Draftsman.....per annum.</td><td>1,620.00</td><td>2</td><td>1</td><td>1</td></tr> <tr> <td>Clerk.....do.</td><td>1,600.00</td><td>-----</td><td>1</td><td>-----</td></tr> <tr> <td> Salaries.....</td><td></td><td>\$17,500.00</td><td>\$16,500.00</td><td>-----</td></tr> <tr> <td> OTHER OBJECTS OF EXPENDITURE.</td><td></td><td></td><td></td><td></td></tr> <tr> <td>Stationery and office supplies.....</td><td>100.00</td><td>100.00</td><td>-----</td><td>-----</td></tr> <tr> <td>Traveling expenses.....</td><td>5,800.00</td><td>5,300.00</td><td>-----</td><td>-----</td></tr> <tr> <td>Equipment and material.....</td><td>1,200.00</td><td>900.00</td><td>-----</td><td>-----</td></tr> <tr> <td>Telephone and telegraph service.....</td><td>100.00</td><td>100.00</td><td>-----</td><td>-----</td></tr> <tr> <td>Miscellaneous items.....</td><td>300.00</td><td>100.00</td><td>-----</td><td>-----</td></tr> <tr> <td> Total.....</td><td></td><td>25,000.00</td><td>23,000.00</td><td>-----</td></tr> </tbody> </table>	Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921. ¹	Salaries:		Number.	Number.	Number.	Engineer in charge.....per annum..	\$3,540.00	1	1	1	Engineers	2,280.00	3	3	3	Assistants	2,280.00	2	2	2	Chemists.....do.	2,760.00	1	-----	-----	Do.....per diem.	10.00	1	1	1	Draftsman.....per annum.	1,620.00	2	1	1	Clerk.....do.	1,600.00	-----	1	-----	 Salaries.....		\$17,500.00	\$16,500.00	-----	 OTHER OBJECTS OF EXPENDITURE.					Stationery and office supplies.....	100.00	100.00	-----	-----	Traveling expenses.....	5,800.00	5,300.00	-----	-----	Equipment and material.....	1,200.00	900.00	-----	-----	Telephone and telegraph service.....	100.00	100.00	-----	-----	Miscellaneous items.....	300.00	100.00	-----	-----	 Total.....		25,000.00	23,000.00	-----												
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In all, for general expenses.....		\$949,561.00	\$969,561.00																																																																																														
<i>Statement of clerks employed in District of Columbia under lump-sum appropriations for 30 days or more during the fiscal year ended June 30, 1921 (32 Stat., p. 303).</i>																																																																																																	
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Total for Bureau of Chemistry.....		1,274,711.00	1,300,251.00																																																																																														



Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
Budget, page 234.		
BUREAU OF SOILS.		
<i>Salaries, Bureau of Soils—</i>		
Soil physicist, who shall be chief of bureau (<i>R. S., p. 87, secs. 520-523; acts June 3, 1902, vol. 32, p. 297, sec. 1; Mar. 3, 1921, vol. 41, p. 1332, sec. 1</i>).....	\$4,000.00	
Chief clerk (increase of \$500) (<i>same acts</i>).....	2,500.00	
Administrative assistant (increase of \$300) (<i>same acts</i>).....	2,400.00	
Executive assistant (increase of \$400) (<i>same acts</i>).....	2,400.00	
Clerks:		
Four of class 4 (<i>same acts</i>).....	7,200.00	
Three of class 3 (<i>same acts</i>).....	4,800.00	
Six of class 2 (<i>same acts</i>).....	8,400.00	
One (<i>same acts</i>).....	1,260.00	
Thirteen of class 1 (<i>same acts</i>).....	15,600.00	
One (<i>same acts</i>).....	1,000.00	
Two soil cartographers at \$1,800 each (<i>same acts</i>).....	3,600.00	
Draftsmen:		
One (<i>same acts</i>).....	1,600.00	
Eight at \$1,200 each (<i>same acts</i>).....	9,600.00	
Soil bibliographer or draftsman (<i>same acts</i>).....	1,400.00	
Photographer (<i>same acts</i>).....	1,200.00	
Laboratory helpers:		
One (<i>same acts</i>).....	1,000.00	
Three at \$840 each (<i>same acts</i>).....	2,520.00	
Machinists:		
One (<i>same acts</i>).....	1,440.00	
One (<i>same acts</i>).....	1,380.00	
Machinist's helper (<i>same acts</i>).....	900.00	
Instrument maker (<i>same acts</i>).....	1,200.00	
Messenger (<i>same acts</i>).....	840.00	
Two messenger boys at \$480 each (<i>same acts</i>).....	960.00	
Messenger or laborer (<i>same acts</i>).....	660.00	
Laborers:		
Three at \$600 each (<i>same acts</i>).....	1,800.00	
One (<i>same acts</i>).....	300.00	
Charwoman or laborer (<i>same acts</i>).....	480.00	
		\$80,440.00
		\$79,240.00

NOTE.—Actual increase \$1,200. There is an increase in the salary of one chief clerk from \$2,000 to \$2,500, one administrative assistant from \$2,100 to \$2,400, and one executive assistant from \$2,000 to \$2,400. See introductory statement of Secretary of Agriculture.

General Expenses, Bureau of Soils—

For all necessary expenses connected with the investigations and experiments herein-after authorized, including the employment of investigators, local and special agents, assistants, experts, clerks, draftsmen, and labor in the city of Washington and elsewhere; official traveling expenses, materials, tools, instruments, apparatus, repairs to apparatus, chemicals, furniture, office fixtures, stationery, gas, electric current, telegraph and telephone service, express and freight charges, rent outside the District of Columbia, and for all other necessary supplies and expenses, as follows (*acts June 3, 1902, vol. 32, p. 297, sec. 1; Mar. 3, 1921, vol. 41, pp. 1332, 1333, sec. 1*):

For chemical investigations of soil types, soil composition, and soil minerals, the soil solution, solubility of soil and all chemical properties of soils in their relation to soil formation, soil texture, and soil productivity, including all routine chemical work in connection with the soil survey (*same acts*).....

23,110.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Assistant in charge.....	\$3,750.00	1	1	1
Scientists, \$3,180 to \$1,800.....do.		7	7	9
Chemical laboratorian.....do.	1,200.00			1
Senior aid.....do.	900.00		1	
Salaries		\$19,950.00	\$19,950.00	\$16,524.11
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		500.00	500.00	462.22
Equipment and material.....		2,000.00	2,000.00	2,890.42
Telephone and telegraph service.....		660.00	660.00	12.20
Miscellaneous items.....				3,175.98
Total.....		23,110.00	23,110.00	23,064.93

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.																																																																																																				
Budget, page 235. <i>General Expenses, Bureau of Soils—Continued.</i> For physical investigations of the important properties of soil which determine productivity, such as moisture relations, aeration, heat conductivity, texture, and other physical investigations of the various soil classes and soil types (<i>acts June 3, 1902, vol. 32, p. 297, sec. 1; Mar. 3, 1921, vol. 41, pp. 1332, 1333, sec. 1</i>).																																																																																																						
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[For exploration and investigation within the United States to determine possible sources of supply and methods of obtaining potash, nitrates, and other natural fertilizers, \$86,840.] <i>For investigation within the United States of fertilizers and other soil amendments and their suitability for agricultural use (submitted)</i>	86,840.00																																																																																																					
NOTE.—This is a new item and is recommended in lieu of item above which is omitted. The wording of the present item does not adequately describe the work being conducted and apparently conflicts with authority conferred by law upon the Bureau of Mines and the Geological Survey. While there is no real duplication of work between the department, the Bureau of Mines, and the Geological Survey, it was agreed between officials of the three organizations that the change in wording above recommended would better describe the work of the department and at the same time obviate any question as to apparent duplication of work.																																																																																																						
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For the investigation of soils, in cooperation with other branches of the Department of Agriculture, other departments of the Government, State agricultural experiment stations, and other State institutions, and for indicating upon maps and plats, by coloring or otherwise, the results of such investigations (<i>acts June 3, 1902, vol. 32, p. 297, sec. 1; Mar. 3, 1921, vol. 41, p. 1333, sec. 1</i>).....	168,200.00																																																																																																					
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Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.																																																							
Budget, page 236. <i>General Expenses, Bureau of Soils—Continued.</i> For examination of soils to aid in the classification of agricultural lands, in cooperation with other bureaus of the department and other departments of the Government (<i>acts June 3, 1902, vol. 32, p. 297, sec. 1; Mar. 3, 1921, vol. 41, pp. 1332, 1333, sec 1</i>).....	\$15,000.00																																																								
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For the care and maintenance of the Government kelp plant at Summerland, Calif., \$5,000: <i>Provided</i> , That any time during the fiscal year 1921 or thereafter, when the Secretary of Agriculture shall determine that the interests of the Government will be subserved thereby, he is hereby authorized to appraise the buildings, machinery, marine equipment, kelp harvesters, boats, leasehold or contract rights, and all other property of whatever nature or kind appertaining to the experimental kelp potash plant of the Department of Agriculture situated at Summerland, Calif., and to sell the same at public or private sale, at such price or prices, on such terms, and in such manner as he may deem for the best interests of the Government, and in consummation thereof to execute such instruments of conveyance as may be requisite, the proceeds from such sale to be deposited in the Treasury to the credit of miscellaneous receipts.]																																																									
NOTE.—This item is recommended omitted. Negotiations for the sale of the Government kelp plant at Summerland, Calif., are pending and it is thought that it will be disposed of during the current fiscal year. If not, the authority for its sale is continuing and there is no need longer to continue the item in the agricultural act.																																																									
For general administrative expenses connected with the above-mentioned lines of investigation (<i>same acts</i>).....	4,000.00																																																								
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<i>Salaries, Bureau of Entomology—</i> Entomologist, who shall be chief of bureau (<i>R. S., p. 87, secs. 520-523; acts Apr. 14, 1896, vol. 29, p. 100, sec. 1; Apr. 23, 1904, vol. 33, p. 276, sec. 1; Mar. 3, 1921, vol. 41, p. 1333, sec. 1</i>).....	5,000.00																																																								
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Twenty-one of class 2 (<i>same acts</i>).....	29,400.00																																																								
Nineteen of class 1 (<i>same acts</i>).....	22,800.00																																																								
[Three at \$1,000 each.]																																																									

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.		
Budget, page 237.				
<i>Salaries, Bureau of Entomology—Continued.</i>				
Insect delineators:				
One (<i>R. S.</i> , p. 87, secs. 520-523; <i>acts Apr. 14, 1896, vol. 29, p. 100, sec. 1; Apr. 23, 1904, vol. 33, p. 276, sec. 1; Mar. 3, 1921, vol. 41, p. 1333, sec. 1</i>)	\$1,600.00			
Two at \$1,400 each (<i>same acts</i>)	2,800.00			
Entomological draftsmen:				
Two at \$1,400 each (<i>same acts</i>)	2,800.00			
One (<i>same acts</i>)	1,080.00			
Photographer, \$1,200.】				
Entomological preparators:				
Seven at \$1,000 each (<i>same acts</i>)	7,000.00			
Six at \$840 each (<i>same acts</i>)	5,040.00			
Laborer (<i>same acts</i>)	1,080.00			
Messengers or laborers:				
Two at \$900 each (<i>same acts</i>)	1,800.00			
One (<i>same acts</i>)	840.00			
One (<i>same acts</i>)	720.00			
Six messenger boys, at \$480 each (<i>same acts</i>)	2,880.00			
Charwomen:				
Two at \$480 each (<i>same acts</i>)	960.00			
Three at \$240 each (<i>same acts</i>)	720.00			
		\$128,270.00		
		\$129,270.00		
NOTE.—Actual decrease, \$1,000. One administrative assistant, at \$2,250 and two clerks of class 3 have been added, and one chief clerk and executive assistant, at \$2,250, three clerks, at \$1,000 each, and one photographer, at \$1,200 have been dropped. See introductory statement of Secretary of Agriculture.				
<i>General Expenses, Bureau of Entomology—</i>				
For the promotion of economic entomology; for investigating the history and the habits of insects injurious and beneficial to agriculture, horticulture, arboriculture, and the study of insects affecting the health of man and domestic animals, and ascertaining the best means of destroying those found to be injurious; for collating, digesting, reporting, and illustrating the results of such investigations; for salaries and the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, freight, express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, and electric current, in connection with the following investigations (<i>acts June 16, 1880, vol. 21, p. 259, sec. 1; June 3, 1902, vol. 32, p. 298, sec. 1; Mar. 3, 1905, vol. 33, pp. 1269, 1270, secs. 1-3; June 30, 1906, vol. 34, p. 688, sec. 1; Mar. 3, 1921, vol. 41, pp. 1333-1335, sec. 1</i>):				
For investigations of insects affecting deciduous fruits, orchards, vineyards, and nuts, \$178,500 [of which \$10,000 shall be immediately available] (<i>same acts</i>)	178,500.00			
NOTE.—The immediately available clause is omitted.				
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Entomologists, at \$4,500 to \$2,160 per annum		8	8	20
Scientific assistants, at \$2,400 to \$1,200	do	32	32	23
\$1,200	do	2	2	5
Specialists, at \$3,600 to \$2,280	do	50	50	67
Field assistants, at \$2,400 to \$900	do	2	2	4
Clerks, at \$2,250 to \$1,200	do	4	4	5
Collaborators and agents, at \$900 to \$12	do			
Wages:				
Miscellaneous temporary labor, at \$4.50 to \$3	per diem	50	50	34
Salaries		\$112,642.00	\$112,642.00	\$102,382.53
Wages		19,000.00	19,000.00	18,009.49
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies		200.00	200.00	770.54
Traveling expenses		33,000.00	33,000.00	17,489.84
Equipment and material		6,950.00	6,950.00	11,378.00
Telephone and telegraph service		800.00	800.00	886.63
Miscellaneous items		5,908.00	5,908.00	24,441.65
Total		178,500.00	178,500.00	175,358.68

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 238.*General Expenses, Bureau of Entomology*—Continued.

For investigations of insects affecting cereal and forage crops, including a special investigation of the Hessian fly, grasshopper, and the chinch bug [§190,000], \$175,000: *Provided*, That not less than [§40,000] §25,000 shall be used for investigating methods for the control and [eradication of the grasshopper] destruction of grasshoppers (*acts June 16, 1880, vol. 21, p. 259, sec. 1; June 3, 1902, vol. 32, p. 298, sec. 1; Mar. 3, 1905, vol. 33, pp. 1269, 1270, secs. 1-3; June 30, 1906, vol. 34, p. 688, sec. 1; Mar. 3, 1921, vol. 41, pp. 1333-1335, sec. 1*)..... \$175,000.00

NOTE.—There is a decrease of \$15,000 and a corresponding decrease in the amount set aside by the proviso for investigating methods for the control and eradication of the grasshopper. It is thought that \$25,000 will be sufficient for this work during the ensuing fiscal year. The language of the proviso has been amended by substituting the words "destruction of grasshoppers" for the words "eradication of the grasshopper."

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:				
Entomologist..... per annum..	\$4,000.00	Number.	Number.	Number.
Entomological assistants, \$3,000 to \$1,980 do.....		1	1	1
Scientific assistants, \$2,520 to \$1,200 do.....		6	6	8
Specialist..... do.....		50	50	36
Assistants, \$3,500 to \$2,760..... do.....	2,500.00			1
Field assistants, \$1,800 to \$1,080..... do.....				2
Laboratory assistants, \$1,440 to \$1,080 ..do.....		1	1	14
Photographer..... do.....	1,800.00	1	1	4
Cataloguer..... do.....	1,400.00	1	1	1
Clerks, \$1,800 to \$1,600..... do.....				2
Laboratory assistants and collaborators, \$900 to \$12..... do.....		5	5	7
Wages:				
Laborers, \$900 to \$540..... do.....		3	3	5
Salaries.....		\$100,000.00	\$111,092.00	\$93,999.05
Wages.....		2,160.00	2,160.00	2,866.67
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		200.00	200.00	579.98
Traveling expenses.....		35,000.00	35,000.00	16,846.05
Equipment and material.....		15,000.00	15,000.00	7,678.55
Telephone and telegraph service.....		500.00	200.00	1,180.22
Miscellaneous items.....		22,140.00	26,348.00	20,603.67
Total.....		175,000.00	190,000.00	143,754.19

For investigations of insects affecting southern field crops, including insects affecting cotton, tobacco, rice, sugar cane, and so forth, and the cigarette beetle and Argentine ant, \$165,000 [of which sum \$25,000 shall be immediately available] (*same acts*)..... 165,000.00

NOTE.—The immediately available clause is omitted.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:				
Entomologists, \$4,500 to \$2,760..... per annum..		5	5	7
Scientific assistants, \$2,520 to \$1,200 ..do.....		23	23	18
Specialist..... do.....	2,280.00			1
Mechanical engineers, \$3,000 to \$2,400 ..do.....		1	1	2
Agricultural engineer..... do.....	3,000.00			1
Illustrator..... do.....	1,800.00			1
Field assistants, \$1,600 to \$1,020..... do.....		34	34	41
Laboratory assistant, \$1,380 to \$1,200 ..do.....		3	3	-----
Clerks, \$1,980 to \$1,800..... do.....				2
Field assistants and collaborators, \$900 to \$1..... do.....		6	6	10
Wages:				
Machinist..... do.....	1,800.00	1	1	2
Laborers, \$900 to \$420..... do.....		3	3	4
Salaries.....		\$86,200.00	\$86,200.00	\$75,423.56
Wages.....		2,500.00	2,500.00	2,835.00
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		1,000.00	1,000.00	780.94
Traveling expenses.....		50,900.00	30,000.00	29,750.21
Equipment and material.....		8,000.00	8,000.00	5,563.20
Telephone and telegraph service.....		400.00	400.00	684.14
Miscellaneous items.....		16,000.00	15,549.39	21,628.56
Total.....		165,000.00	143,649.39	136,665.61

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.

Total amount to be appropriated under each head of appropriation.

Amount appropriated for the fiscal year ending June 30, 1922.

Budget, page 239.*General Expenses, Bureau of Entomology—Continued.*

For investigations of insects affecting forests, [[\$55,000]] \$60,000: *Provided*, That \$15,000 shall be used for preventing and combating infestations of insects injurious to forest trees on and near the national forests, independently or in cooperation with other branches of the Federal Government, with States, counties, municipalities, or with private owners (acts June 16, 1880, vol. 21, p. 259, sec. 1; June 3, 1902, vol. 32, p. 298, sec. 1; Mar. 3, 1905, vol. 33, pp. 1269, 1270, secs. 1-3; June 30, 1906, vol. 34, p. 688, sec. 1; Mar. 3, 1921, vol. 41, pp. 1333, 1335, sec. 1). \$60,000.00

NOTE.—An increase of \$5,000 to continue and extend experiments and investigations of methods for preventing losses of forest products from wood-boring insects.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Forest entomologist.....per annum.....	\$4,380.00	1	1	1
Specialists, \$2,760 to \$1,800.....do.....	6	6	7	
Scientific assistants, \$1,800 to \$1,330.....do.....	4	4	5	
Assistant.....do.....	2,760.00	1	1	
Entomological rangers, \$1,500 to \$1,200.....do.....	4	4	4	
Laboratory assistant.....do.....	1,080.00	1	1	1
Collaborators, \$12 to \$1.....do.....	5	5	5	
Salaries	\$34,800.00	\$34,799.00	\$32,209.00	
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....	200.00	200.00	147.14	
Traveling expenses.....	12,000.00	9,000.00	3,362.95	
Equipment and material.....	4,570.00	3,570.00	1,093.93	
Telephone and telegraph service.....	200.00	200.00	138.28	
Miscellaneous items.....	8,230.00	7,231.00	1,980.37	
Total.	60,000.00	55,000.00	38,931.67	

For investigations of insects affecting truck crops, including insects affecting the potato, sugar beet, cabbage, onion, tomato, beans, peas, and so forth, [and insects affecting stored products, \$120,000] \$90,000 [of which sum \$15,000 shall be immediately available] (*same acts*).....

90,000.00

NOTE.—While an apparent decrease of \$30,000, there is actually no change, as a separate item follows for investigations of insects affecting stored products, and the language in reference thereto is omitted from this paragraph. The amount requested (\$90,000) represents the actual allotment during the current fiscal year for truck crop insect investigations from the total appropriation of \$120,000.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Entomologists, \$4,330 to \$2,500... per annum.....	\$2,400.00	3	3	4
Scientific assistants.....do.....	18	18	24	
Agents, \$2,000 to \$1,800.....do.....			2	
Assistant.....do.....	3,000.00			1
Field assistants, \$1,360 to \$1,000.....do.....	5	5	10	
Laboratory assistants, \$1,320 to \$1,080.....do.....	2	2	2	
Specialist.....do.....	2,250.00			1
Photographer.....do.....	2,100.00			1
Clerks, \$1,800 to \$1,500.....do.....	2	2	3	
Messenger boy, agents, and collaborators, \$480 to \$12.....do.....	18	18	22	
Wages:				
Gardener.....do.....	1,080.00	1	1	1
Laborers, \$1,080 to \$540.....do.....		1	1	2
Miscellaneous temporary labor, \$5.60 to \$1.44.....per diem.....	35	35	35	
Salaries.....	\$58,800.00	\$58,704.00	\$51,874.25	
Wages.....	4,000.00	1,620.00	3,622.79	
OTHER OBJECTS OF EXPENDITURES.				
Stationery and office supplies.....	200.00	200.00	589.84	
Traveling expenses.....	15,000.00	15,000.00	10,426.77	
Equipment and material.....	5,000.00	5,000.00	1,588.67	
Rent (in field).....	300.00	300.00	343.22	
Miscellaneous items.....	6,700.00	4,492.74	11,117.88	
Total.	90,000.00	85,316.74	79,563.42	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.																																																																																															
Budget, page 240. <i>General Expenses, Bureau of Entomology—Continued.</i>																																																																																																	
For investigations of insects affecting stored grain, cereals, and other food products, and the household (acts June 16, 1880, vol. 21, p. 259, sec. 1; June 3, 1902, vol. 32, p. 298, sec. 1; Mar. 3, 1905, vol. 33, pp. 1269, 1270, secs. 1-3; June 30, 1906, vol. 34, p. 688, sec. 1; Mar. 3, 1921, vol. 41, pp. 1333-1335, sec. 1)	\$30,000.00																																																																																																
NOTE.—While this item is apparently new, there is no actual increase over current appropriations as the entire amount is transferred to this project from the preceding subappropriation. The language of this item, with the exception of the words in italics, has been transferred from the item above.																																																																																																	
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For investigations and demonstrations in bee culture (<i>same acts</i>).....	33,800.00																																																																																																
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Clerks, \$1,980 to \$1,400... do.		5	5	3																																																																																													
Collaborators... do.	12.00	5	5	2																																																																																													
Salaries.....		\$27,630.00	\$27,630.00	\$26,649.58																																																																																													
OTHER OBJECTS OF EXPENDITURE.																																																																																																	
Stationery and office supplies.....		200.00	200.00	217.33																																																																																													
Traveling expenses.....		2,500.00	2,500.00	2,267.79																																																																																													
Equipment and material.....		300.00	300.00	747.88																																																																																													
Telephone and telegraph service.....		100.00	100.00	77.59																																																																																													
Miscellaneous items.....		3,070.00	3,070.00	3,114.67																																																																																													
Total.....		33,800.00	33,800.00	33,074.84																																																																																													
For investigations of insects affecting citrus and other tropical and subtropical plants, and for investigations and control of the Mediterranean and other fruit flies, in cooperation with the Federal Horticultural Board [[\$56,500], \$71,500, of which sum \$10,000 shall be immediately available for investigations of the camphor scale (<i>same acts</i>).....	71,500.00																																																																																																
NOTE.—An increase of \$15,000. This increase will be used entirely for investigations of the so-called camphor scale. The camphor scale has recently become established in New Orleans and probably elsewhere in that region, attacking not only camphor trees, but other crops of economic importance, as the orange, lemon, grapefruit, Japanese persimmon, grape, pecan, Japanese plum, pear, fig, as well as many ornamental plants. In order that work may be undertaken as soon as possible, it is requested that \$10,000 be made immediately available.																																																																																																	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 241.*General Expenses, Bureau of Entomology—Continued.*

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Entomologists, \$4,500 to \$2,000... per annum		12	11	14
Scientific assistants, \$2,100 to \$1,200... do		6	4	10
Field assistants.....do	\$1,200.00	3	-----	-----
Specialist.....do	3,000.00	-----	-----	1
Laboratory assistant.....do	1,200.00	-----	-----	1
Photographer.....do	1,800.00	-----	-----	1
Collaborators and inspectors, \$720 to \$12 do		8	8	8
Wages:				
Gardener.....do	1,200.00	1	1	1
Laborers, \$5 to \$2.50.....per diem		5	5	5
Salaries.....		\$37,800.00	\$36,000.00	\$34,774.44
Wages.....		6,500.00	6,500.00	6,683.30
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		300.00	200.00	155.81
Traveling expenses.....		15,000.00	9,000.00	3,935.17
Equipment and material.....		5,000.00	1,500.00	1,402.30
Telephone and telegraph service.....		200.00	200.00	262.18
Miscellaneous items.....		6,700.00	3,100.00	3,350.07
Total.....		71,500.00	56,500.00	50,563.27

For investigations, identification, and systematic classification of miscellaneous insects, including the study of insects affecting the health of man and domestic animals, household insects, and the importation and exchange of useful insects, \$62,330: *Provided*, That \$10,000 shall be used for investigations of the blowfly and screw worm (*acts June 16, 1880, vol. 21, p. 259, sec. 1; June 3, 1902, vol. 32, p. 298, sec. 1; Mar. 3, 1905, vol. 33, pp. 1269, 1270, secs. 1-3; June 30, 1906, vol. 34, p. 688, sec. 1; Mar. 3, 1921, vol. 41, pp. 1333-1335, sec. 1*) \$62,330.00

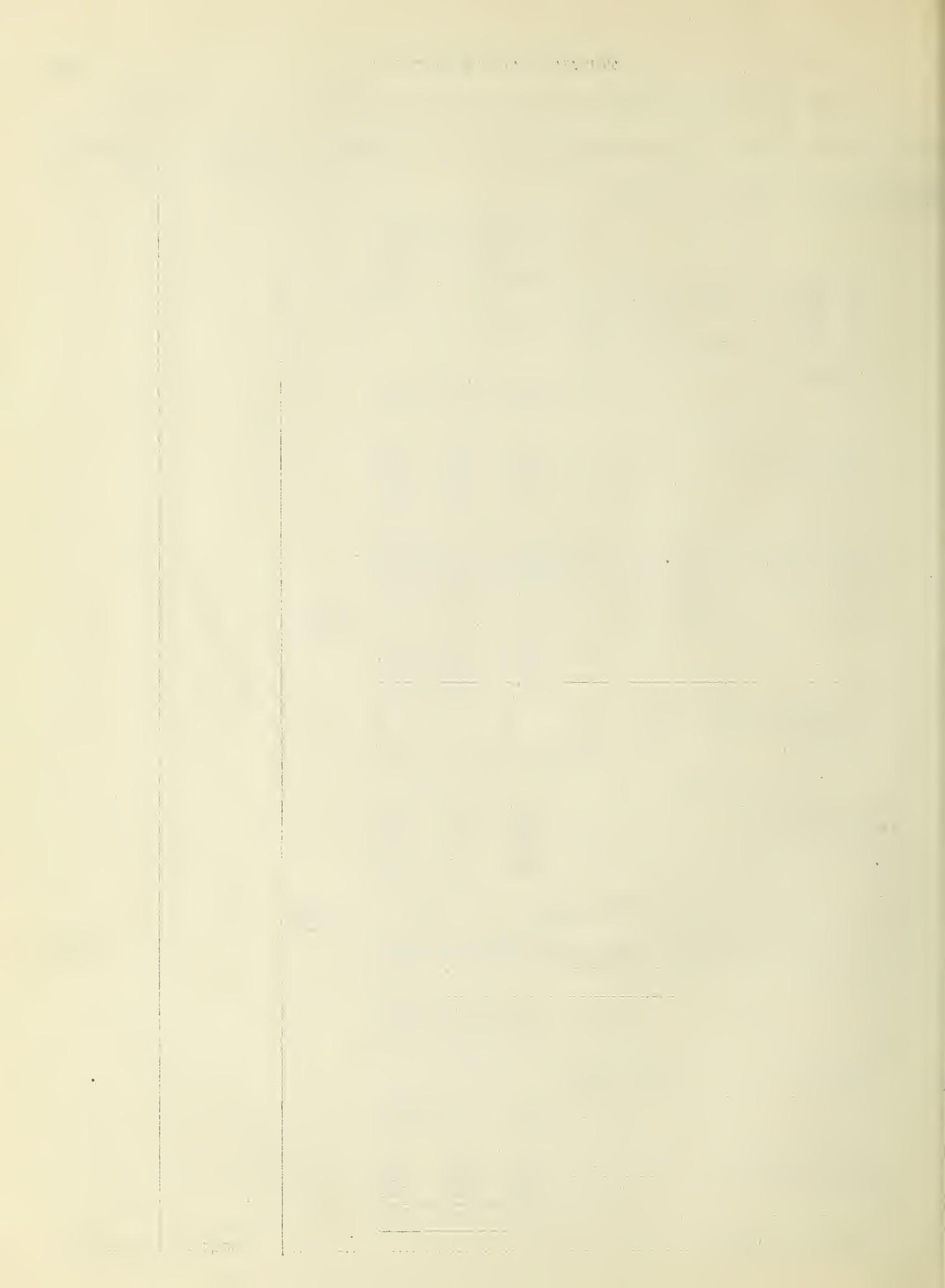
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Entomologists, \$3,250 to \$2,400.... per annum		10	10	10
Specialists, \$3,600 to \$2,160.....do		2	2	3
Scientific assistants, \$1,980 to \$1,620.....do		6	6	10
Field assistants.....do	720.00	-----	-----	2
Collaborators.....do	1.00	3	3	3
Salaries.....		\$43,340.00	\$43,340.00	\$41,819.17
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		400.00	400.00	251.79
Traveling expenses.....		10,000.00	10,000.00	4,998.13
Equipment and material.....		4,680.00	4,680.00	953.34
Telephone and telegraph service.....		300.00	300.00	310.54
Miscellaneous items.....		3,610.00	3,610.00	2,959.89
Total.....		62,330.00	62,330.00	51,292.86

For general administrative expenses connected with above lines of investigation, and for miscellaneous expenses incident thereto [~~\$3,880~~, \$7,000 (same acts).... 7,000.00

NOTE.—An increase of \$3,120. The American Association of Economic Entomologists, State agricultural experiment stations, agricultural colleges, and State universities have suggested the inauguration of an insect-pest survey, the purpose of which would be promptly to advise the department of outbreaks of injurious insects, the department in turn to immediately dispatch warnings to States where outbreaks might be expected.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Assistants, \$3,500 to \$3,000.... per annum		1	-----	2
Entomologist.....do	\$3,000.00	1	-----	-----
Clerks.....do	1,200.00	2	-----	-----
Collaborators.....do	12.00	48	18	-----
Salaries.....		\$4,776.00	\$216.00	\$2,114.17
GENERAL OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		300.00	500.00	111.38
Traveling expenses.....		1,000.00	1,500.00	486.33
Equipment and material.....		400.00	800.00	233.42
Telephone and telegraph service.....		200.00	200.00	247.36
Miscellaneous items.....		324.00	664.00	421.38
Total.....		7,000.00	3,880.00	3,614.04

In all, for general expenses..... \$873,130.00 \$865,010.00



Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.	
Budget, page 242. <i>Preventing Spread of Moths, Bureau of Entomology—</i> To enable the Secretary of Agriculture to meet the emergency caused by the continued spread of the gypsy and brown tail moths by conducting such experiments as may be necessary to determine the best methods of controlling these insects; by introducing and establishing the parasites and natural enemies of these insects and colonizing them within the infested territory; by establishing and maintaining a quarantine against further spread in such manner as is provided by the general nursery-stock law, approved August 20, 1912, as amended, entitled "An Act to regulate the importation of nursery stock and other plants and plant products, to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests, to permit and regulate the movements of fruits, plants, and vegetables therefrom, and for other purposes," in cooperation with the authorities of the different States concerned and with the several State experiment stations, including rent outside of the District of Columbia, the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, [§\$400,000] \$600,000, of which sum \$100,000 shall be immediately available (acts Mar. 3, 1905, vol. 33, pp. 1269, 1270, secs. 1-3; Mar. 3, 1921, vol. 41, p. 1334, sec. 1).....	\$600,000.00	\$400,000.00	
NOTE.—An increase of \$200,000 for use in New Jersey and the New England States: \$100,000 will be used for the work in New Jersey, where the infestation comprises an area of 400 square miles. While the larger portion of this area is only slightly infested, the entire territory will have to be covered at intervals for at least two years in order to reduce and, if possible, stamp out all points of infestation. The remainder of the increase is necessary for additional work in the New England States. The entire western border of the infested territory of New England will have to be scouted thoroughly during the next two seasons, as this work was necessarily temporarily discontinued last year on account of the urgency of the situation in New Jersey. The estimate submitted is the minimum with which this work can be conducted without endangering the entire project, and it is desired that \$100,000 be made immediately available.			
Employees. Rate. Estimated, 1923. Estimated, 1922. Expended, 1921.			
Salaries: Entomologist..... per annum..... \$4,380.00 Scientific assistant, \$3,250 to \$1,380..... do..... 31 Specialists, \$2,250 to \$1,740..... do..... 2 Field assistants, \$1,800 to \$1,200..... do..... 28 Expert..... do..... 1,980.00 Foremen, \$1,800 to \$1,560..... do..... 2 Clerk..... do..... 1,600.00 Laboratory assistant..... do..... 1,200.00 Collaborators, \$300 to \$1..... do..... 4 Wages: Mechanics, \$1,500 to \$1,200..... do..... 2 Miscellaneous temporary labor, \$5.84 to \$3.44..... per diem..... 360 Salaries..... \$109,895.00 Wages..... 215,000.00	Number. 1 31 2 28 1 2 do..... 1,980.00 2 1 1 4 2 350 \$104,198.00 146,000.00	Number. 1 31 1 25 1 3 1 1 4 4 4 350 \$102,601.42 179,777.64	
OTHER OBJECTS OF EXPENDITURE.			
Stationery and office supplies..... Traveling expenses..... Equipment and material..... Telephone and telegraph service..... Miscellaneous items..... Total.....	1,500.00 100,000.00 90,000.00 1,500.00 82,105.00 600,000.00	1,000.00 90,000.00 30,000.00 1,000.00 27,802.00 400,000.00	1,167.88 99,406.93 21,605.19 2,954.70 63,492.08 471,005.84
<i>Prevention of Spread of European Corn Borer, Bureau of Entomology—</i> To enable the Secretary of Agriculture to meet the emergency caused by the spread of the European corn borer, and to provide means for the control and prevention of spread of this insect throughout the United States, in cooperation with the States concerned, including employment of persons and means in the city of Washington and elsewhere, and all other necessary expenses, [§\$275,000] \$125,000 [of which \$100,000 shall be immediately available] (acts July 24, 1919, vol. 41, p. 730, sec. 1; Mar. 3, 1921, vol. 41, pp. 1334, 1335, sec. 1).....	125,000.00	275,000.00	
NOTE.—There is a decrease in this appropriation of \$150,000. A conference will be held about September 20 to consider the entire problem of the control of this insect, and this estimate should be considered as tentative until the information brought out at the hearing is considered by the department.			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.

Budget, page 243.

Prevention of Spread of European Corn Borer, Bureau of Entomology—Continued.

Employees.	Rate.	Estimated,	Estimated,	Expended,	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
		1923.	1922.	1921.		
Salaries:		Number.	Number.	Number.		
Entomologists, \$4,000 to \$2,250.....per annum	\$4,000.00	1	1	2		
Expert.....do.				1		
Specialists, \$3,420 to \$2,040.....do.		1	1	3		
Scientific assistants, \$2,280 to \$1,400.....do.		7	14	12		
Field assistants, \$2,200 to \$1,200.....do.		14	27	21		
Laboratory assistant.....do.	1,320.00	1	1	1		
Clerks, \$2,500 to \$1,200.....do.		2	4	9		
Messenger boy.....do.	720.00	1	1	1		
Collaborators.....do.	12.00	20	20	20		
Wages: Foremen, scouts, and laborers, \$6 to \$3.20.....per diem		45	100	100		
Salaries.....		\$50,000.00	\$83,744.00	\$62,533.18		
Wages.....		45,000.00	100,000.00	177,823.41		
OTHER OBJECTS OF EXPENDITURE.						
Stationery and office supplies.....		400.00	800.00	648.70		
Traveling expenses.....		20,000.00	65,000.00	65,205.08		
Equipment and material.....		4,000.00	8,000.00	10,930.58		
Telephone and telegraph service.....		400.00	800.00	1,171.12		
Rent (in field).....		1,200.00				
Miscellaneous items.....		4,000.00	16,656.00	75,227.73		
Total.....		125,000.00	275,000.00	393,539.80		
Total for Bureau of Entomology.....					\$1,726,400.00	\$1,669,280.00

Statement of clerks employed in District of Columbia under lump-sum appropriations for 30 days or more during the fiscal year ended June 30, 1921 (32 Stat., p. 303).

GENERAL EXPENSES, BUREAU OF ENTOMOLOGY.

4 clerks, at \$1,800 each per annum. 4 clerks, at \$1,400 each per annum.
5 clerks, at \$1,600 each per annum. 1 clerk, \$1,200 per annum.
1 clerk, \$1,500 per annum.

BUREAU OF BIOLOGICAL SURVEY.**Salaries, Bureau of Biological Survey—**

Biologist, who shall be chief of bureau (increase of \$1,000) (*R. S.*, p. 87, secs. 520-523; acts Mar. 3, 1905, vol. 33, p. 877, sec. 1; Mar. 3, 1921, vol. 41, p. 1335, sec. 1).....

\$5,000.00

Chief clerk [and executive assistant] (increase of \$200, with change of title) (*same acts*)..

2,000.00

Administrative assistant (increase of \$250) (*same acts*).....

2,500.00

Executive assistant (*same acts*).....

1,800.00

Executive clerk (*same acts*).....

1,980.00

Clerks:

Five of class 4 (increase of 2, 1 by transfer from lump fund, and 1 new place) (*same acts*).....

9,000.00

Eight of class 3 (increase of 2 by transfer from lump fund) (*same acts*).....

12,800.00

Two at \$1,500 each (increase of 1 by transfer from lump fund) (*same acts*).....

3,000.00

Sixteen of class 2 (increase of 2 by transfer from lump fund) (*same acts*).....

22,400.00

One (*same acts*).....

1,260.00

Sixteen of class 1 (increase of 1 by transfer from lump fund) (*same acts*).....

19,200.00

Two at \$1,100 each (*same acts*).....

2,200.00

One (*same acts*).....

1,080.00

Two at \$1,000 each (decrease of 1) (*same acts*).....

2,000.00

Preparators:

One (*same acts*).....

1,200.00

One (*same acts*).....

900.00

Photographer (increase of \$200) (*same acts*).....

1,500.00

Game warden (*same acts*).....

1,200.00

Messenger (*same acts*).....

720.00

Messenger boys:

One (*same acts*).....

600.00

Two at \$480 each (increase of 1 by transfer from lump fund) (*same acts*).....

960.00

Laborer (increase of \$180) (*same acts*).....

900.00

Three charwomen at \$240 each (increase of 1 by transfer from lump fund) (*same acts*).....

720.00

94,920.00

81,070.00

NOTE.—Apparent increase, \$13,850; actual increase, \$2,630. There is an increase in the salary of the chief of bureau from \$4,000 to \$5,000, one chief clerk from \$1,800 to \$2,000 with change of title, one administrative assistant from \$2,250 to \$2,500, one photographer from \$1,300 to \$1,500, and one laborer from \$720 to \$900, and one new place at \$1,800 has been added, a total increase of \$3,630. A clerk at \$1,000 has been dropped. Nine employees with salaries aggregating \$11,220 have been transferred from the lump funds of this bureau, and the funds correspondingly reduced. See introductory statement of Secretary of Agriculture.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 244.*General Expenses, Bureau of Biological Survey—*

For salaries and employment of labor in the city of Washington and elsewhere, furniture, supplies, including the purchase of bags, tags, and labels printed in the course of manufacture, traveling, and all other expenses necessary in conducting investigations and carrying out the work of the bureau, as follows (*acts May 25, 1900, vol. 31, p. 187, sec. 1; Mar. 4, 1909, vol. 35, pp. 1104, 1137, and 1138, sec. 1; Mar. 4, 1913, vol. 37, pp. 847, 848, sec. 1; Mar. 3, 1921, vol. 41, pp. 1335, 1336, sec. 1*):

For the maintenance of the Montana National Bison range and other reservations and for the maintenance of game introduced into suitable localities on public lands, under supervision of the Biological Survey, including construction of fencing, wardens' quarters, shelters for animals, landings, roads, trails, bridges, ditches, telephone lines, rockwork, bulkheads, and other improvements necessary for the economical administration and protection of the reservations, and for the enforcement of section 84 of the act approved March 4, 1909, entitled "An act to codify, revise, and amend the penal laws of the United States," \$39,735, of which sum \$2,500 may be used for the purchase, capture, and transportation of game for national reservations (*same acts*).....

\$39,735.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Assistant in charge.....per annum..	\$3,600.00	1	1	1
Inspector.....do.....	2,100.00	1	1	1
Agents, \$1,800 to \$1,500.....do.....		2	2	2
Wardens, \$1,800 to \$1,000.....do.....		4	4	5
Agents, wardens, and assistant wardens, \$960 to \$1.....do.....		20	20	20
Wages:				
Miscellaneous temporary labor— \$160 to \$10.....per month..		90	90	97
\$8 to \$3.50.....per diem..				
Salaries.....	\$17,781.00	\$17,781.00	\$16,613.46	
Wages.....	9,000.00	9,000.00	9,343.39	
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		4,500.00	4,000.00	4,530.82
Equipment and material.....		2,500.00	2,500.00	2,176.23
Miscellaneous items.....		5,954.00	5,454.00	6,256.31
Total.....		39,735.00	38,735.00	38,920.21

For the improvement and maintenance of the game preserve in Sullys Hill National Park, in the State of North Dakota, including the construction of all fences, sheds, buildings, corrals, roads, shelters, and other structures which may be necessary for the protection of game or for the use of visitors, in addition to the amount heretofore appropriated, [[\$7,500]] \$5,000, the same to be available until expended [; of which \$2,500 shall be used for the construction of new buildings] (*same acts*).....

5,000.00

NOTE.—A decrease of \$2,500. The language of the paragraph has been amended by omitting the last clause: "of which \$2,500 shall be used for the construction of buildings," as the department will delay this work for the present.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Inspector.....per annum..	\$2,100.00	1	1	1
Wages:				
Miscellaneous temporary labor, \$9 to \$3.....per diem..		10	8	12
Salaries.....		\$700.00	\$700.00	\$989.99
Wages.....		2,100.00	1,750.00	1,306.13
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		250.00	120.00	272.85
Equipment and material.....		450.00	300.00	339.20
Miscellaneous items.....		1,200.00	468.96	1,412.62
Construction work.....		¹ 300.00	² 600.00	³ 1,150.00
Total.....		5,000.00	3,938.96	5,470.79

¹ This construction work is to consist of the following building: 1 pavilion, containing 2,500 cubic feet, at about 12 cents per cubic foot, \$300.

² This construction work will consist of the following building: Completion of 1 woman's rest house, containing 10,752 cubic feet, at about 5.5 cents per cubic foot, \$600.

³ This construction work consisted of the following building: Partial construction of, 1 woman's rest house, containing 10,752 cubic feet, at about 10.7 cents per cubic foot, \$1,150.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.

Total amount to be appropriated under each head of appropriation.
Amount appropriated for the fiscal year ending June 30, 1922.

Budget, page 245.*General Expenses, Bureau of Biological Survey—Continued.*

For investigating the food habits of North American birds and other animals in relation to agriculture, horticulture, and forestry; for investigations, experiments, and demonstrations in connection with rearing fur-bearing animals; for experiments, demonstrations, and cooperation in destroying mountain lions, wolves, coyotes, bobcats, prairie dogs, gophers, ground squirrels, jack rabbits, and other animals injurious to agriculture, horticulture, forestry, animal husbandry, and wild game; and for the protection of stock and other domestic animals through the suppression of rabies in predatory wild animals, [§477,240] §504, 240 (acts May 25, 1900, vol. 31, p. 187, sec 1; Mar. 4, 1909, vol. 35, pp. 1104, 1137, and 1138, sec. 1; Mar. 4, 1913, vol. 37, pp. 847, 848, sec. 1; Mar. 3, 1921, vol. 41, pp. 1335, 1336, sec. 1) \$504, 240.00

NOTE.—An apparent increase of \$27,000, but as 8 employees with salaries aggregating \$10,740 have been transferred to the statutory roll, the actual increase is \$37,740. This increase is urgently needed to meet the public demand for the important and immediately productive work of destroying animal pests injurious to agriculture, horticulture, forestry, animal husbandry, and wild game.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Assistant in charge.....per annum.....	\$3,840.00	1	1	1
Assistants, \$3,600 to \$1,400.....do.....	6	6	5	
Chief field naturalist.....do.....	3,250.00	1	1	1
Assistant biologist, \$3,300 to \$1,800.....do.....		12	12	11
Biological assistants, \$2,400 to \$1,400.....do.....		36	32	25
Predatory animal inspectors, \$2,400 to \$1,440.....do.....		26	25	21
Scientific indexer.....do.....	1,600.00		1	1
Clerks, \$1,800 to \$1,000.....do.....		3	10	16
Charwoman.....do.....	240.00		1	1
Wages:				
Engineer.....do.....	1,600.00			1
Laborer.....do.....	900.00			1
Miscellaneous temporary labor— \$170 to \$75.....per month.....		1		
\$8 to \$3.....per diem.....				
\$0.65 to \$0.50.....per hour.....}		630	600	595
Salaries.....		\$159,100.00	\$149,340.00	\$134,396.60
Wages.....		219,000.00	195,000.00	195,907.51
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		70,000.00	70,000.00	71,564.22
Equipment and material.....		9,000.00	6,500.00	6,924.48
Telephone and telegraph service.....		2,500.00	2,000.00	2,134.07
Miscellaneous items.....		44,640.00	34,400.00	42,782.55
Total.....		504,240.00	457,240.00	453,709.43

For biological investigations, including the relations, habits, geographic distribution, and migrations of animals and plants, and the preparation of maps of the life zones (*same acts*).....

24,400.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Assistant biologists, \$3,600 to \$2,400, .....per annum.....		3	5	5
Field assistants.....do.....	\$1,500.00		2	1
Preparator.....do.....	1,500.00	1	1	1
Clerk.....do.....	1,400.00			1
Messenger boy.....do.....	480.00	1		
Wages:				
Miscellaneous temporary labor.....per diem.....	5.00	10	5	5
Salaries.....		\$16,980.00	\$16,585.00	\$17,750.91
Wages.....		500.00	500.00	484.00
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		4,660.00	5,000.00	5,005.91
Equipment and material.....		500.00	500.00	447.85
Miscellaneous items.....		1,760.00	1,815.00	2,861.09
Total.....		24,400.00	24,400.00	26,549.76

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 246.*General Expenses, Bureau of Biological Survey—Continued.*

For all necessary expenses for enforcing the provisions of the migratory-bird treaty act of July 3, 1918 (40 Stat. L., p. 755), and for cooperation with local authorities in the protection of migratory birds, and for necessary investigations connected therewith, [§136,120] \$135,640: *Provided*, That of this sum not more than \$20,500 may be used for the enforcement of sections 241, 242, 243, and 244 of the act approved March 4, 1909, entitled "An act to codify, revise, and amend the penal laws of the United States," and for the enforcement of section 1 of the act approved May 25, 1900, entitled "An act to enlarge the powers of the Department of Agriculture, prohibit the transportation by interstate commerce of game killed in violation of local laws, and for other purposes," including all necessary investigations in connection therewith (*acts May 25, 1900, vol. 31, p. 187, sec. 1; Mar. 4, 1909, vol. 35, pp. 1104, 1137, and 1138, sec. 1; Mar. 4, 1913, vol. 37, pp. 847, 848, sec. 1; Mar. 3, 1921, vol. 41, pp. 1335, 1336, sec. 1*)..... \$135,640.00

NOTE.—The apparent decrease of \$480 is due to the transfer of 1 messenger boy to the statutory roll.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Chief warden.....per annum..	\$3,840.00	1	1	1
Deputy chief warden.....do.....	3,250.00	1	1	1
Wardens, \$2,000 to \$1,500.....do.....	30	27	27	
Assistant biologists, \$3,600 to \$1,800.....do.....	5	5	7	
Assistants, \$1,250 to \$2,000.....do.....	5	5	6	
Clerks, \$1,980 to \$720.....do.....	1	1	8	
Inspector.....do.....	1,800.00	1	1	1
Messenger boy, inspector, and wardens, \$480 to \$1.....do.....	371	357	361	
Wages:				
Miscellaneous temporary labor, \$10 to \$3.....per diem..		30	30	27
Salaries.....		\$86,500.00	\$85,600.00	\$86,252.71
Wages.....		1,470.00	1,000.00	1,312.90
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		43,920.00	38,000.00	43,312.61
Equipment and material.....		500.00	1,000.00	1,575.58
Miscellaneous items.....		3,250.00	5,420.00	6,590.14
Total.....		135,640.00	131,020.00	139,043.94

For investigations, experiments, and demonstrations for the welfare, improvement, and increase of the reindeer industry in Alaska, including the erection of necessary buildings and other structures and cooperation with the Bureau of Education, and for the enforcement of section 1956 of the Revised Statutes as amended so far as it relates to the protection of land fur-bearing animals in Alaska, including necessary investigations in connection therewith, [§46,500] \$61,500 (*same acts*).....

61,500.00

NOTE.—An increase of \$15,000 to provide five additional wardens to extend protection to land fur-bearing animals in Alaska now approaching extermination in many districts due to illegal use of poison and trapping out of season.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Chief veterinarian.....per annum..	\$3,600.00	1	1	1
Veterinarian.....do.....	2,250.00	1	1	1
Assistants, \$3,500 to \$2,100.....do.....	3	3	3	3
Assistant biologists, \$2,520 to \$2,250.....do.....	1	1	2	
Chief fur warden.....do.....	2,500.00	1	1	1
Fur wardens.....do.....	1,800.00	6	2	2
Engineer.....do.....	1,800.00	1	1	-----
Deputy fur warden, \$300 to \$1.....do.....		8	-----	9
Wages:				
Miscellaneous temporary labor, \$8 to \$5.....per diem..		15	5	5
Salaries.....		\$31,800.00	\$24,060.20	\$22,282.59
Wages.....		500.00	200.00	120.12
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		14,000.00	7,000.00	7,089.22
Equipment and material.....		3,000.00	9,000.00	6,956.65
Miscellaneous items.....		12,200.00	4,739.80	4,107.42
Total.....		61,500.00	45,000.00	40,586.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.																																																																											
Budget, page 247. <i>General Expenses, Bureau of Biological Survey—Continued.</i>																																																																													
For general administrative expenses connected with the above-mentioned lines of work, including cooperation with other Federal bureaus, departments, boards, and commissions, on request from them (<i>acts May 25, 1900, vol. 31, p. 187, sec. 1; Mar. 4, 1909, vol. 35, pp. 1104, 1137, and 1138, sec. 1; Mar. 4, 1913, vol. 37, pp. 847, 848, sec. 1; Mar. 3, 1921, vol. 41, pp. 1335, 1336, sec. 1</i>).....	\$10,760.00																																																																												
 <table border="1"> <thead> <tr> <th>Employees.</th><th>Rate.</th><th>Estimated, 1923.</th><th>Estimated, 1922.</th><th>Expended, 1921.</th></tr> </thead> <tbody> <tr> <td>Salaries:</td><td></td><td>Number.</td><td>Number.</td><td>Number.</td></tr> <tr> <td>Assistant chief of bureau.....per annum.....</td><td>\$3,900.00</td><td>1</td><td>1</td><td>1</td></tr> <tr> <td>Assistants, \$3,250 to \$2,800.....do.....</td><td></td><td>1</td><td>1</td><td>2</td></tr> <tr> <td>Assistant biologist.....do.....</td><td>3,600.00</td><td>1</td><td>1</td><td>1</td></tr> <tr> <td>Preparator.....do.....</td><td>1,500.00</td><td></td><td></td><td>1</td></tr> <tr> <td>Clerk.....do.....</td><td>1,200.00</td><td></td><td></td><td>1</td></tr> <tr> <td>Messenger boy.....do.....</td><td>480.00</td><td></td><td></td><td>1</td></tr> <tr> <td>Salaries.....</td><td></td><td>\$7,450.00</td><td>\$6,633.33</td><td>\$6,451.69</td></tr> <tr> <td>OTHER OBJECTS OF EXPENDITURE.</td><td></td><td></td><td></td><td></td></tr> <tr> <td>Traveling expenses.....</td><td>1,200.00</td><td>1,200.00</td><td>672.76</td><td></td></tr> <tr> <td>Equipment and material.....</td><td>1,000.00</td><td>1,000.00</td><td>643.78</td><td></td></tr> <tr> <td>Telephone and telegraph service.....</td><td>500.00</td><td>500.00</td><td>405.46</td><td></td></tr> <tr> <td>Miscellaneous items.....</td><td>610.00</td><td>926.67</td><td>1,207.50</td><td></td></tr> <tr> <td>Total.....</td><td>10,760.00</td><td>10,260.00</td><td>9,381.19</td><td></td></tr> </tbody> </table>	Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.	Salaries:		Number.	Number.	Number.	Assistant chief of bureau.....per annum.....	\$3,900.00	1	1	1	Assistants, \$3,250 to \$2,800.....do.....		1	1	2	Assistant biologist.....do.....	3,600.00	1	1	1	Preparator.....do.....	1,500.00			1	Clerk.....do.....	1,200.00			1	Messenger boy.....do.....	480.00			1	Salaries.....		\$7,450.00	\$6,633.33	\$6,451.69	OTHER OBJECTS OF EXPENDITURE.					Traveling expenses.....	1,200.00	1,200.00	672.76		Equipment and material.....	1,000.00	1,000.00	643.78		Telephone and telegraph service.....	500.00	500.00	405.46		Miscellaneous items.....	610.00	926.67	1,207.50		Total.....	10,760.00	10,260.00	9,381.19			
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.																																																																									
Salaries:		Number.	Number.	Number.																																																																									
Assistant chief of bureau.....per annum.....	\$3,900.00	1	1	1																																																																									
Assistants, \$3,250 to \$2,800.....do.....		1	1	2																																																																									
Assistant biologist.....do.....	3,600.00	1	1	1																																																																									
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Total.....	10,760.00	10,260.00	9,381.19																																																																										
In all, for general expenses.....	\$781,275.00	\$742,255.00																																																																											
<i>Statement of clerks employed in District of Columbia under lump-fund appropriations for 30 days or more during the fiscal year ended June 30, 1921 (32 Stat., p. 303).</i>																																																																													
GENERAL EXPENSES, BUREAU OF BIOLOGICAL SURVEY.																																																																													
1 clerk, \$1,980 per annum.	4 clerks, at \$1,200 each per annum.																																																																												
1 clerk, \$1,500 per annum.	1 clerk, \$1,100 per annum.																																																																												
3 clerks, at \$1,000 each per annum.	1 clerk, \$1,000 per annum.																																																																												
7 clerks, at \$1,400 each per annum.	1 clerk, \$720 per annum.																																																																												
Total for Bureau of Biological Survey.....	876,195.00	823,325.00																																																																											
DIVISION OF ACCOUNTS AND DISBURSEMENTS.																																																																													
<i>Salaries, Division of Accounts and Disbursements—</i>																																																																													
Chief of division and disbursing clerk (<i>R. S., p. 87, secs. 520-523; act Mar. 3, 1921, vol. 41, p. 1336, sec. 1</i>).....	4,000.00																																																																												
Supervising auditor (<i>same acts</i>).....	2,250.00																																																																												
Cashier and chief clerk (<i>same acts</i>).....	2,250.00																																																																												
Deputy disbursing clerk (<i>same acts</i>).....	2,000.00																																																																												
Accountant and bookkeeper (<i>same acts</i>).....	2,000.00																																																																												
Clerks:																																																																													
Two of class 4 (<i>same acts</i>).....	3,600.00																																																																												
Six of class 3 (increase of 1) (<i>same acts</i>).....	9,600.00																																																																												
Nine of class 2 (increase of 2) (<i>same acts</i>).....	12,600.00																																																																												
Fourteen of class 1 (increase of 1) (<i>same acts</i>).....	16,800.00																																																																												
Two, at \$1,000 each (<i>same acts</i>).....	2,000.00																																																																												
Messenger (<i>same acts</i>).....	720.00																																																																												
Messenger boy (<i>same acts</i>).....	600.00																																																																												
	58,420.00	52,820.00																																																																											
NOTE.—Actual increase, \$5,600. One clerk of class 3, two clerks of class 2, and one clerk of class 1 have been added. See introductory statement of Secretary of Agriculture.																																																																													
DIVISION OF PUBLICATIONS.																																																																													
<i>Salaries, Division of Publications—</i>																																																																													
Chief of division (<i>R. S., p. 87, secs. 520-523; acts Mar. 1, 1899, vol. 30, p. 948, sec. 1; Mar. 3, 1921, vol. 41, p. 1336, sec. 1</i>).....	3,500.00																																																																												
Chief editor (<i>same acts</i>).....	3,000.00																																																																												
Two assistant editors, at \$2,000 each (increase of 1) (<i>same acts</i>).....	4,000.00																																																																												
Assistants in charge:																																																																													
One of exhibits (<i>same acts</i>).....	3,000.00																																																																												
One of information (<i>same acts</i>).....	3,000.00																																																																												
One of motion-picture activities (<i>same acts</i>).....	3,000.00																																																																												
One of addressing, duplicating, and mailing (by transfer from lump fund, Bureau of Agricultural Economics) (<i>same acts</i>).....	2,400.00																																																																												
【One of illustrations, \$2,100.】																																																																													
One of indexing (<i>same acts</i>).....	2,000.00																																																																												
One of distribution (<i>submitted</i>).....	2,500.00																																																																												

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
Budget, page 248.		
Salaries, Division of Publications—Continued.		
Chief cinematographer (<i>R. S.</i> , p. 87, secs. 520-523; <i>acts Mar. 1, 1899, vol. 30, p. 948, sec. 1; Mar. 3, 1921, vol. 41, p. 1336, sec. 1</i>).....	\$2,500.00	
【Superintendent of distribution, \$2,500.】		
Draftsman or photographer (<i>submitted</i>).....	2,100.00	
Chief clerk (<i>R. S.</i> , p. 87, secs. 520-523; <i>acts Mar. 1, 1899, vol. 30, p. 948, sec. 1; Mar. 3, 1921, vol. 41, p. 1336, sec. 1</i>).....	2,000.00	
Assistant in exhibits (<i>same acts</i>).....	2,000.00	
Assistant editors:		
Two, at \$1,800 each (decrease of 1) (<i>same acts</i>).....	3,600.00	
【One, \$1,600.】		
Assistants:		
One (<i>same acts</i>).....	2,500.00	
Three, at \$2,000 each (<i>same acts</i>).....	6,000.00	
【Two, at \$1,400 each.】		
Indexer or compiler (<i>same acts</i>).....	1,800.00	
【Indexer, \$1,400.】		
Artist and designer (<i>same acts</i>).....	2,500.00	
Draftsmen or photographers:		
Three, at \$1,600 each (<i>same acts</i>).....	4,800.00	
Two at \$1,500 each (<i>same acts</i>).....	3,000.00	
Three at \$1,400 each (increase of 1 by transfer from statutory roll, Bureau of Animal Industry) (<i>same acts</i>).....	4,200.00	
One (<i>same acts</i>).....	1,300.00	
Ten at \$1,200 each (<i>same acts</i>).....	12,000.00	
Assistant photographer (<i>same acts</i>).....	960.00	
Lantern-slide colorist (<i>same acts</i>).....	1,200.00	
Laboratory aid (<i>same acts</i>).....	900.00	
【Foreman, miscellaneous distribution, \$1,500.】		
Executive clerk (by transfer from statutory roll, Bureau of Animal Industry) (<i>same acts</i>). Clerks:	2,000.00	
Five of class 4 (increase of 1) (<i>same acts</i>).....	9,000.00	
Four of class 3 (increase of 1) (<i>same acts</i>).....	6,400.00	
Thirteen of class 2 (increase of 5, 2 by transfer from statutory roll, Bureau of Agricultural Economics, and 3 new places) (<i>same acts</i>).....	18,200.00	
Twenty-one of class 1 (increase of 2, 1 by transfer from statutory roll, Bureau of Agricultural Economics, and 1 from statutory roll, Bureau of Chemistry) (<i>same acts</i>).....	25,200.00	
Twenty at \$1,100 each (increase of 2 by transfer from statutory roll, Bureau of Agricultural Economics) (<i>same acts</i>).....	22,000.00	
Fifty-two at \$960 each (<i>same acts</i>). Mechanical assistant (by transfer from statutory roll, Bureau of Agricultural Economics) (<i>same acts</i>).....	49,920.00	
Machine operators:		
One (<i>submitted</i>).....	1,980.00	
Four at \$1,400 each (by transfer, 3 from statutory roll, Bureau of Agricultural Economics, and 1 from lump fund, States Relations Service) (<i>R. S.</i> , p. 87, secs. 520-523; <i>acts Mar. 1, 1899, vol. 30, p. 948, sec. 1; Mar. 3, 1921, vol. 41, p. 1336, sec. 1</i>).....	1,500.00	
Twelve at \$1,200 each (increase of 7, 6 by transfer, 1 from lump fund, Bureau of Animal Industry, 5 from statutory roll, Bureau of Agricultural Economics, and 1 new place) (<i>same acts</i>).....	5,600.00	
Seven at \$1,100 each (by transfer, 5 from statutory roll, States Relations Service; 1 machine operator at \$1,100; and 1 clerk, \$1,020, with increase of \$80 and change of title from statutory roll, Bureau of Chemistry) (<i>same acts</i>).....	14,400.00	
Five at \$1,000 each (by transfer from statutory roll, Bureau of Agricultural Economics) (<i>same acts</i>).....	7,700.00	
Folders:		
【Chief, \$1,200.】	5,000.00	
One (<i>same acts</i>).....	1,200.00	
Two at \$1,000 each (<i>same acts</i>).....	2,000.00	
Messengers or laborers:		
Three at \$900 each (<i>same acts</i>).....	2,700.00	
Ten at \$840 each (<i>same acts</i>).....	8,400.00	
Four at \$780 each (<i>same acts</i>).....	3,120.00	
Twelve at \$720 each (increase of 2 by transfer from statutory roll, Bureau of Agricultural Economics) (<i>same acts</i>).....	8,640.00	
Three at \$600 each (<i>same acts</i>).....	1,800.00	
Eight skilled laborers at \$1,100 each (<i>same acts</i>).....	8,800.00	
Messenger boys:		
Seven at \$720 each (decrease of 1 by transfer to statutory roll, Secretary's Office) (<i>same acts</i>).....	5,040.00	
One (by transfer from statutory roll, Bureau of Agricultural Economics) (<i>same acts</i>).....	660.00	
Six at \$600 each (<i>same acts</i>).....	3,600.00	
Six at \$480 each (increase of 2 by transfer, 1 from statutory roll, Secretary's Office, and 1 from statutory roll, Bureau of Agricultural Economics) (<i>same acts</i>).....	2,880.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.																																																																																																														
Budget, page 249.																																																																																																																
<i>Salaries, Division of Publications—Continued.</i>																																																																																																																
Charwomen:																																																																																																																
Three at \$480 each (<i>R. S., p. 87, secs. 520-523; acts Mar. 1, 1899, vol. 30, p. 948, sec. 1; Mar. 3, 1921, vol. 41, p. 1336, sec. 1</i>).....	\$1,440.00																																																																																																															
Four at \$240 each (<i>same acts</i>).....	960.00																																																																																																															
		\$299,900.00																																																																																																														
		\$254,880.00																																																																																																														
NOTE.—Apparent increase, \$45,020; actual increase, \$2,080. One clerk at \$1,020 has been promoted to \$1,100 with change of title to machine operator, 10 new places with salaries aggregating \$16,900 have been added, and 9 places with salaries of \$14,900 dropped, resulting in an actual increase in the statutory roll of \$2,080. In addition 37 employees with salaries of \$43,660 have been transferred to this roll from the funds of the various bureaus, and in each case the rolls have been reduced by the amount of the salaries involved. A messenger boy at \$720 has also been transferred from this division to the statutory roll of the Secretary's Office.																																																																																																																
<i>General Expenses, Division of Publications—</i>																																																																																																																
For miscellaneous objects of expenditure in connection with the publication, indexing, illustration, and distribution of bulletins, documents, and reports, as follows (<i>act Mar. 3, 1921, vol. 41, pp. 1336, 1337, sec. 1</i>):																																																																																																																
For labor-saving machinery, including necessary supplies, \$6,000; I																																																																																																																
For envelopes, stationery, and materials, \$10,000; I																																																																																																																
For office furniture and fixtures, \$2,000; I																																																																																																																
For photographic equipment and for photographic materials and artists' tools and supplies, \$22,000; I																																																																																																																
For telephone and telegraph service and freight and express charges, \$1,200; I																																																																																																																
For wagons, motor trucks, bicycles, horses, harness, and maintenance of the same, \$1,000; I																																																																																																																
For purchase of manuscripts, traveling expenses, electrotypes, illustrations, and other expenses not otherwise provided for, \$4,350; I																																																																																																																
For extra labor and emergency employments in the District of Columbia, \$11,380; I																																																																																																																
For labor-saving machinery and supplies, envelopes, stationery and materials, office furniture and fixtures, photographic equipment and materials, artists' tools and supplies, telephone and telegraph service, freight and express charges; purchase and maintenance of motor trucks; purchase and maintenance of bicycles; purchase of manuscripts; traveling expenses; electrotypes, illustrations, payment of salaries and wages in the District of Columbia, and other expenses not otherwise provided for (submitted).....	57,930.00																																																																																																															
NOTE.—It is proposed to consolidate into one paragraph the several items providing for the miscellaneous expenses of the division. At present 9 separate items of appropriation provide for its various activities. This multiplicity of subappropriations not only causes a great amount of unnecessary bookkeeping but hampers administrative action in the expenditure of the appropriation. To obviate this difficulty it is proposed to combine 8 of the smaller items and omit them as separate items. This change involves no increase in the total amount.																																																																																																																
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Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.																																																																																										
Budget, page 250. <i>General Expenses, Division of Publications—Continued.</i>																																																																																												
To enable the Secretary of Agriculture to make suitable agricultural exhibits at State, interstate, and international fairs held within the United States, in cooperation with other departments of the Government; for the purchase of necessary supplies and equipment; for telephone and telegraph service, freight and express charges; for travel, and for every other expense necessary, including the employment of assistance and the payment of rent outside the city of Washington (<i>act Mar. 3, 1921, vol. 41, pp. 1336, 1337, sec. 1</i>).....	\$70,000.00																																																																																											
<table border="1"> <thead> <tr> <th>Employees.</th><th>Rate.</th><th>Estimated, 1923.</th><th>Estimated, 1922.</th><th>Expended, 1921.</th></tr> </thead> <tbody> <tr> <td>Salaries:</td><td></td><td>Number.</td><td>Number.</td><td>Number.</td></tr> <tr> <td>Field agent in exhibits.....per annum.</td><td>\$2,500.00</td><td>1</td><td>1</td><td>1</td></tr> <tr> <td>Cooperative agent.....do.....</td><td>1,200.00</td><td>1</td><td>1</td><td>1</td></tr> <tr> <td>Color artist.....per diem.....</td><td>6.00</td><td>1</td><td>1</td><td>1</td></tr> <tr> <td>Wages:</td><td></td><td></td><td></td><td></td></tr> <tr> <td>Carpenters, \$1,560 to \$1,320.....per annum.....</td><td></td><td>1</td><td>2</td><td>2</td></tr> <tr> <td>Laborers, \$1,080 to \$720.....do.....</td><td></td><td>4</td><td>4</td><td>4</td></tr> <tr> <td>Salaries.....</td><td></td><td>\$5,700.00</td><td>\$5,700.00</td><td>\$5,330.50</td></tr> <tr> <td>Wages.....</td><td></td><td>5,400.00</td><td>5,600.00</td><td>9,858.76</td></tr> <tr> <td colspan="5">OTHER OBJECTS OF EXPENDITURE.</td></tr> <tr> <td>Stationery and office supplies.....</td><td></td><td>300.00</td><td>100.00</td><td>200.00</td></tr> <tr> <td>Traveling expenses.....</td><td></td><td>19,000.00</td><td>18,000.00</td><td>16,310.71</td></tr> <tr> <td>Equipment and material.....</td><td></td><td>23,600.00</td><td>22,000.00</td><td>22,911.72</td></tr> <tr> <td>Telephone and telegraph service.....</td><td></td><td>500.00</td><td>500.00</td><td>510.71</td></tr> <tr> <td>Rent (in field).....</td><td></td><td>2,400.00</td><td>2,400.00</td><td>2,100.00</td></tr> <tr> <td>Miscellaneous items.....</td><td></td><td>13,100.00</td><td>12,200.00</td><td>12,777.60</td></tr> <tr> <td>Total.....</td><td></td><td>70,000.00</td><td>66,500.00</td><td>70,000.00</td></tr> </tbody> </table>	Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.	Salaries:		Number.	Number.	Number.	Field agent in exhibits.....per annum.	\$2,500.00	1	1	1	Cooperative agent.....do.....	1,200.00	1	1	1	Color artist.....per diem.....	6.00	1	1	1	Wages:					Carpenters, \$1,560 to \$1,320.....per annum.....		1	2	2	Laborers, \$1,080 to \$720.....do.....		4	4	4	Salaries.....		\$5,700.00	\$5,700.00	\$5,330.50	Wages.....		5,400.00	5,600.00	9,858.76	OTHER OBJECTS OF EXPENDITURE.					Stationery and office supplies.....		300.00	100.00	200.00	Traveling expenses.....		19,000.00	18,000.00	16,310.71	Equipment and material.....		23,600.00	22,000.00	22,911.72	Telephone and telegraph service.....		500.00	500.00	510.71	Rent (in field).....		2,400.00	2,400.00	2,100.00	Miscellaneous items.....		13,100.00	12,200.00	12,777.60	Total.....		70,000.00	66,500.00	70,000.00	\$127,930.00	\$127,930.00
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<i>Statement of clerks employed in District of Columbia on lump-sum appropriations for 30 days or more during the fiscal year ended June 30, 1921 (32 Stat., p. 908).</i>																																																																																												
GENERAL EXPENSES, DIVISION OF PUBLICATIONS.																																																																																												
3 clerks, at \$1,800 each per annum.	1 clerk, \$1,200 per annum.																																																																																											
1 clerk, \$1,600 per annum.	1 clerk, \$1,100 per annum.																																																																																											
1 clerk, \$1,320 per annum.	5 clerks, at \$960 each per annum.																																																																																											
Total for Division of Publications.....		427,830.00																																																																																										
LIBRARY, DEPARTMENT OF AGRICULTURE.																																																																																												
<i>Salaries, Library, Department of Agriculture—</i>																																																																																												
Librarian (increase of \$1,000) (<i>R. S., p. 87, secs. 520-523; act Mar. 3, 1921, vol. 41, p. 1337, sec. 1</i>).....		3,000.00																																																																																										
Clerks:																																																																																												
Two of class 4 (<i>same acts</i>).....		3,600.00																																																																																										
Four of class 3 (increase of 1) (<i>same acts</i>).....		6,400.00																																																																																										
Five of class 2 (increase of 1) (<i>same acts</i>).....		7,000.00																																																																																										
Seven of class 1 (increase of 1) (<i>same acts</i>).....		8,400.00																																																																																										
Two, at \$1,000 each (<i>same acts</i>).....		2,000.00																																																																																										
Two messengers or laborers, at \$720 each (<i>same acts</i>).....		1,440.00																																																																																										
Messenger boys:																																																																																												
One (<i>same acts</i>).....		660.00																																																																																										
Three, at \$600 each (<i>same acts</i>).....		1,800.00																																																																																										
Two charwomen, at \$480 each (<i>same acts</i>).....		960.00																																																																																										
			35,260.00	30,060.00																																																																																								
<i>NOTE.—Actual increase, \$5,200. There is an increase of \$1,000 in the salary of the librarian, from \$2,000 to \$3,000, and one clerk of class 3, one clerk of class 2, and one clerk of class 1 have been added. See introductory statement of Secretary of Agriculture.</i>																																																																																												
<i>General Expenses, Library—</i>																																																																																												
For books of reference, law books, technical and scientific books, papers and periodicals, and for expenses incurred in completing imperfect series; for the employment of additional assistants in the city of Washington and elsewhere; for official traveling expenses, and for library fixtures, library cards, supplies, and for all other necessary expenses, [<i>\$21,400</i>] \$32,000 (<i>act Mar. 3, 1921, vol. 41, p. 1337, sec. 1</i>).....		32,000.00		21,400.00																																																																																								
<i>NOTE.—An increase of \$10,600 is recommended because of (a) the increased demand by bureaus of the department and the State colleges and stations for books, periodicals, and library service; (b) the increased cost of books and periodicals; (c) the necessity for making up arrears in the purchase of current foreign books and periodicals which could not be imported during the war; (d) the need for additional shelving; and (e) the desirability of having the library keep pace with the rapidly increasing output of scientific publications from the agricultural and scientific institutions throughout the world.</i>																																																																																												

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.		
Budget, page 251. <i>General Expenses, Library—Continued.</i>				
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Scientific assistants in library science, \$2,500 to \$1,500.....per annum.		6	3	3
Library assistants, \$1,200 to \$900.....do.			2	
Charwoman.....do.	480.00	1	1	1
Wages:				
Laborer.....do.	600.00			1
Salaries.....		\$12,040.00	\$6,090.00	\$2,353.35
Wages.....				568.00
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		250.00	100.00	37.08
Traveling expenses.....		250.00	250.00	152.97
Equipment and material.....		19,000.00	14,660.00	15,665.26
Miscellaneous items.....		460.00	300.00	168.49
Total.....		32,000.00	21,400.00	18,945.15
Total for library.....				\$67,260.00
MISCELLANEOUS EXPENSES.				\$51,460.00

Miscellaneous Expenses, Department of Agriculture—

For stationery, blank books, twine, paper, gum, dry goods, soap, brushes, brooms, mats, oils, paints, glass, lumber, hardware, ice, fuel, water and gas pipes, heating apparatus, furniture, carpets, and mattings; for lights, freight, express charges, advertising, telegraphing, telephoning, postage, washing towels, and necessary repairs and improvements to buildings and heating apparatus; for the purchase, subsistence, and care of horses and the purchase and repair of harness and vehicles, for official purposes only; for the payment of duties on imported articles, and the Department of Agriculture's proportionate share of the expense of the dispatch agent in New York; for official traveling expenses; and for other miscellaneous supplies and expenses not otherwise provided for, and necessary for the practical and efficient work of the department, **[\$161,000]** \$164,500, of which not to exceed \$3,500 shall be immediately available for the purchase of an automobile for the official use of the Secretary of Agriculture (act Mar. 3, 1921, vol. 41, p. 1337, sec. 1).....

164,500.00 161,000.00

NOTE.—There is an increase in this item of \$3,500. This amount is desired for the purchase of an automobile for the official use of the Secretary of Agriculture and the language of the paragraph has been amended accordingly.

Employee.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
United States dispatch agent.....per annum.	\$600.00	1	1	1
Salaries.....		\$600.00	\$600.00	\$600.00
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		16,000.00	16,000.00	16,410.85
Traveling expenses.....		5,000.00	5,000.00	3,168.75
Equipment and material.....		74,400.00	74,400.00	74,211.20
Telephone and telegraph service.....		9,000.00	9,000.00	8,566.80
Miscellaneous items.....		59,500.00	56,000.00	52,042.40
Total.....		164,500.00	161,000.00	155,000.00

Statement of proposed expenditures from the appropriation for miscellaneous expenses, Department of Agriculture, for the fiscal year ending June 30, 1923, for the maintenance, repair, and operation of horse-drawn and motor-propelled passenger-carrying vehicles, as required by section 5 of the act of July 16, 1914 (38 Stat., p. 508).

Office.	Horse-drawn or motor propelled.	Appropriation.	For maintenance, repair, and operation.			Public purposes for which intended.	Officials and employees by whom used.
			Num- ber.	Description.	Amount.		
Secretary's office.	{ Horse-drawn and motor propelled.	Miscellaneous expenses, Department of Agricul- ture.	{ 1 Brougham... 1 Surrey.... 1 Victoria.... 2 Carriages... 1 Automobile..		\$2,500	{ Personal transporta- tion on offi- cial business.	Secretary and Acting Sec- retary of Ag- riculture, Washington, D. C.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.																																								
Budget, page 252. RENT IN THE DISTRICT OF COLUMBIA.																																										
<i>Rent of Buildings, Department of Agriculture—</i> For rent of buildings and parts of buildings in the District of Columbia, for use of the various bureaus, divisions, and offices of the Department of Agriculture, [§164,666] \$159,666. <i>Provided</i> , That only such part of this sum shall be available to pay rent for space which can not be furnished by the Public Buildings Commission in Government buildings located in the District of Columbia (<i>act Mar. 3, 1921, vol. 41, p. 1337, sec. 1</i>).....	\$159,666.00	\$164,666.00																																								
NOTE.—There is a decrease in this item of \$5,000. This is made possible by the relinquishment of a large rented building.																																										
<table border="1"> <thead> <tr> <th>Object of expenditure.</th><th>Estimated, 1923.</th><th>Estimated, 1922.</th><th>Expended, 1921.</th></tr> </thead> <tbody> <tr> <td>Rent of buildings.....</td><td>\$159,666.00</td><td>\$159,666.00</td><td>\$164,638.27</td></tr> </tbody> </table>	Object of expenditure.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.	Rent of buildings.....	\$159,666.00	\$159,666.00	\$164,638.27																																		
Object of expenditure.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.																																							
Rent of buildings.....	\$159,666.00	\$159,666.00	\$164,638.27																																							
<i>Statement showing estimated amounts that will be paid from the appropriation, Rent in the District of Columbia during the fiscal year 1922 for quarters to be occupied by the various branches of the department (38 Stat., p. 1108.)</i>																																										
<table border="1"> <tbody> <tr> <td>Bureau of Markets.....</td><td>\$27,587.00</td><td>Office of the Solicitor.....</td><td>\$3,335.00</td></tr> <tr> <td>Library, Department of Agriculture.....</td><td>6,100.00</td><td>Insecticide and Fungicide Board.....</td><td>3,000.00</td></tr> <tr> <td>Bureau of Biological Survey.....</td><td>3,818.00</td><td>Office of the Secretary.....</td><td>360.00</td></tr> <tr> <td>Division of Publications.....</td><td>7,632.00</td><td>Office of Farm Management.....</td><td>3,000.00</td></tr> <tr> <td>Bureau of Plant Industry.....</td><td>26,205.00</td><td>Weather Bureau.....</td><td>500.00</td></tr> <tr> <td>States Relations Service.....</td><td>14,400.00</td><td>Bureau of Chemistry.....</td><td>17,758.00</td></tr> <tr> <td>Forest Service.....</td><td>23,215.00</td><td>Emergency rentals.....</td><td>5,434.00</td></tr> <tr> <td>Bureau of Animal Industry.....</td><td>3,882.00</td><td>Total.....</td><td>159,666.00</td></tr> <tr> <td>Bureau of Soils.....</td><td>240.00</td><td></td><td></td></tr> <tr> <td>Bureau of Public Roads.....</td><td>13,200.00</td><td></td><td></td></tr> </tbody> </table>	Bureau of Markets.....	\$27,587.00	Office of the Solicitor.....	\$3,335.00	Library, Department of Agriculture.....	6,100.00	Insecticide and Fungicide Board.....	3,000.00	Bureau of Biological Survey.....	3,818.00	Office of the Secretary.....	360.00	Division of Publications.....	7,632.00	Office of Farm Management.....	3,000.00	Bureau of Plant Industry.....	26,205.00	Weather Bureau.....	500.00	States Relations Service.....	14,400.00	Bureau of Chemistry.....	17,758.00	Forest Service.....	23,215.00	Emergency rentals.....	5,434.00	Bureau of Animal Industry.....	3,882.00	Total.....	159,666.00	Bureau of Soils.....	240.00			Bureau of Public Roads.....	13,200.00				
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<i>Salaries, States Relations Service—</i>																																										
Director (<i>R. S., p. 87, secs. 520-523; act Mar. 3, 1921, vol. 41, p. 1338, sec. 1</i>).....	\$4,500.00																																									
Chief clerk (<i>same acts</i>).....	2,000.00																																									
Clerk or chief accountant (<i>same acts</i>).....	2,400.00																																									
Financial clerk (<i>same acts</i>).....	2,000.00																																									
Executive clerk (<i>same acts</i>).....	1,740.00																																									
Clerk or proof reader (<i>same acts</i>).....	1,800.00																																									
Clerks:																																										
One (by transfer from lump fund) (<i>same acts</i>).....	2,000.00																																									
One (<i>same acts</i>).....	1,980.00																																									
Six of class 4 (<i>same acts</i>).....	10,800.00																																									
Eighteen of class 3 (increase of 7, 2 by transfer from lump fund, and 5 new places) (<i>same acts</i>).....	28,800.00																																									
Two, at \$1,500 each (<i>same acts</i>).....	3,000.00																																									
Twenty-seven of class 2 (increase of 7 by transfer from lump fund) (<i>same acts</i>).....	37,800.00																																									
Two, at \$1,320 each (<i>same acts</i>).....	2,640.00																																									
One (<i>same acts</i>).....	1,260.00																																									
Fifty-two of class 1 (<i>same acts</i>).....	62,400.00																																									
Eighteen, at \$1,100 each (decrease of 6, 5 by transfer to statutory roll, Division of Publications, and 1 dropped) (<i>same acts</i>).....	19,800.00																																									
Two, at \$1,000 each (<i>same acts</i>).....	2,000.00																																									
Clerk or artist-draftsman (<i>same acts</i>).....	1,200.00																																									
Clerk or machine operator (<i>same acts</i>).....	1,200.00																																									
Clerk or laboratory helper (<i>submitted</i>).....	1,100.00																																									
Messenger (<i>R. S., p. 87, secs. 520-523; act Mar. 3, 1921, vol. 41, p. 1338, sec. 1</i>).....	1,000.00																																									
Two skilled laborers, at \$1,000 each (<i>same acts</i>).....	2,000.00																																									
Messengers or laborers:																																										
Two, at \$840 each (<i>same acts</i>).....	1,680.00																																									
[Five, at \$720 each.]																																										
[Two, at \$600 each.]																																										
[One, \$480.]																																										
Messenger boys or laborers:																																										
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One (<i>submitted</i>).....	480.00																																									
Messenger boys:																																										
Four, at \$600 each (<i>R. S., p. 87, sec. 520-523; act Mar. 3, 1921, vol. 41, p. 1338, sec. 1</i>).....	2,400.00																																									
Nine, at \$480 each (decrease of 2) (<i>same acts</i>).....	4,320.00																																									
Charwomen:																																										
Four, at \$480 each (<i>same acts</i>).....	1,920.00																																									
Sixteen, at \$240 each (<i>same acts</i>).....	3,840.00																																									
NOTE.—Apparent increase, \$16,540; actual increase, \$7,040. Fourteen new places with salaries aggregating \$14,380 have been added, and 11 places with salaries amounting to \$7,340 have been dropped. Five clerks, at \$1,100 each have been transferred to the Division of Publications, and 10 employees, with salaries totaling \$15,000, transferred from lump funds of this service, which have been correspondingly reduced. See introductory statement of Secretary of Agriculture.	212,860.00	196,320.00																																								

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.																																																																						
Budget, page 253. <i>General Expenses, States Relations Service.</i> To carry into effect the provisions of an act approved Mar. 2, 1887, entitled "An act to establish agricultural experiment stations in connection with the colleges established in the several States under the provisions of an act approved July 2, 1862, and of the acts supplementary thereto," the sums apportioned to the several States and Territories, to be paid quarterly in advance (<i>acts July 2, 1862, vol. 12, p. 503, sec. 1; Mar. 2, 1887, vol. 24, p. 440, secs. 1-10; Mar. 3, 1921, vol. 41, pp. 1338, 1339, sec. 1</i>)...	\$720,000.00																																																																							
To carry into effect the provisions of an act approved Mar. 16, 1906, entitled "An act to provide for an increased annual appropriation for agricultural experiment stations and regulating the expenditure thereof," the sums apportioned to the several States and Territories, to be paid quarterly in advance, \$720,000; <i>Provided</i> , That not to exceed \$15,000 shall be paid to each State and Territory under this act (<i>acts Mar. 16, 1906, vol. 34, p. 63, secs. 2, 3; Mar. 3, 1921, vol. 41, pp. 1338, 1339, sec. 1</i>).....	720,000.00																																																																							
To enable the Secretary of Agriculture to enforce the provisions of the above acts and the act approved May 8, 1914, entitled "An act to provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an act of Congress approved July 2, 1862, and of acts supplementary thereto, and the United States Department of Agriculture," relative to their administration and for the administration of agricultural experiment stations in Alaska, Hawaii, Porto Rico, the island of Guam, and the Virgin Islands of the United States, including the employment of clerks, assistants, and other persons in the city of Washington and elsewhere, freight and express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, electric current, and rent outside of the District of Columbia, [§71,500] \$68,700; and the Secretary of Agriculture shall prescribe the form of the annual financial statement required under the above acts, ascertain whether the expenditures are in accordance with their provisions, coordinate the work of the Department of Agriculture with that of the State agricultural colleges and experiment stations in the lines authorized in said acts, and make report thereon to Congress (<i>acts July 2, 1862, vol. 12, p. 503, sec. 1; Mar. 2, 1887, vol. 24, p. 440, secs. 1-10; Mar. 16, 1906, vol. 34, p. 63, secs. 2, 3; May 8, 1914, vol. 38, pp. 372-374, sec. 1; Mar. 3, 1921, vol. 41, pp. 1338, 1339, sec. 1</i>).....	68,700.00																																																																							
NOTE.—An apparent decrease of \$2,800 due to the transfer of two clerks to the statutory roll.																																																																								
<table border="1"> <thead> <tr> <th>Employees.</th><th>Rate.</th><th>Estimated, 1923.</th><th>Estimated, 1922.</th><th>Expended, 1921.</th></tr> </thead> <tbody> <tr> <td>Salaries:</td><td></td><td>Number.</td><td>Number.</td><td>Number.</td></tr> <tr> <td>Agricultural chemist and chief.....per annum..</td><td>\$4,500.00</td><td>1</td><td>1</td><td>1</td></tr> <tr> <td>Agriculturists, \$3,500 to \$3,000.....do.....</td><td></td><td></td><td></td><td>5</td></tr> <tr> <td>Specialist.....do.....</td><td>4,000.00</td><td>1</td><td>1</td><td>1</td></tr> <tr> <td>Extension specialist.....do.....</td><td>3,600.00</td><td></td><td></td><td>1</td></tr> <tr> <td>Scientific assistants, \$3,300 to \$1,400.....do.....</td><td></td><td>15</td><td>15</td><td>16</td></tr> <tr> <td>Assistant.....do.....</td><td>3,000.00</td><td>1</td><td>1</td><td></td></tr> <tr> <td>Clerks, \$1,400 to \$1,200.....</td><td></td><td>2</td><td>4</td><td>7</td></tr> <tr> <td>Salaries.....</td><td></td><td>\$51,200.00</td><td>\$54,000.00</td><td>\$61,822.79</td></tr> <tr> <td>OTHER OBJECTS OF EXPENDITURE.</td><td></td><td></td><td></td><td></td></tr> <tr> <td>Traveling expenses.....</td><td></td><td>16,000.00</td><td>16,000.00</td><td>3,909.70</td></tr> <tr> <td>Miscellaneous items.....</td><td></td><td>1,500.00</td><td>1,500.00</td><td>751.99</td></tr> <tr> <td>Total.....</td><td></td><td>68,700.00</td><td>71,500.00</td><td>66,484.48</td></tr> </tbody></table>	Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.	Salaries:		Number.	Number.	Number.	Agricultural chemist and chief.....per annum..	\$4,500.00	1	1	1	Agriculturists, \$3,500 to \$3,000.....do.....				5	Specialist.....do.....	4,000.00	1	1	1	Extension specialist.....do.....	3,600.00			1	Scientific assistants, \$3,300 to \$1,400.....do.....		15	15	16	Assistant.....do.....	3,000.00	1	1		Clerks, \$1,400 to \$1,200.....		2	4	7	Salaries.....		\$51,200.00	\$54,000.00	\$61,822.79	OTHER OBJECTS OF EXPENDITURE.					Traveling expenses.....		16,000.00	16,000.00	3,909.70	Miscellaneous items.....		1,500.00	1,500.00	751.99	Total.....		68,700.00	71,500.00	66,484.48		
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For farmers' cooperative demonstration work outside of the cotton belt, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$715,720;]																																																																								
For farmers' cooperative demonstrations and for the study and demonstration of the best methods of meeting the ravages of the cotton-boll weevil, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$634,800; <i>Provided</i> , That the expense of such service shall be defrayed from this appropriation and such cooperative funds as may be voluntarily contributed by State, county, and municipal agencies, associations of farmers, and individual farmers, universities, colleges, boards of trade, chambers of commerce, other local associations of business men, business organizations, and individuals within the State;]																																																																								
To enable the Secretary of Agriculture to investigate and report upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories, and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations, and of improved methods of agricultural practice, including the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, \$16,360;]																																																																								

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 254.*General Expenses, States Relations Service—Continued.*

For farmers' cooperative demonstration work, including special suggestions of plans and methods for more effective dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations and of improved methods of agricultural practice, at farmers' institutes and in agricultural instruction, and for the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$1,353,280: Provided, That the expense of such service shall be defrayed from this appropriation and such cooperative funds as may be voluntarily contributed by State, county, and municipal agencies, associations of farmers, and individual farmers, universities, colleges, boards of trade, chambers of commerce, other local associations of business men, business organizations, and individuals within the State (submitted)..... \$1,353,280.00

NOTE.—The amount of the above item, \$1,353,280, represents the total of the present appropriations under three items omitted: "Farmers' cooperative demonstrations outside the cotton belt," \$715,720; "Farmers' cooperative demonstrations in the cotton belt," \$634,800; and "agricultural education," \$16,360; with an apparent decrease of \$13,600 due to the transfer of 8 employees to the statutory roll of this bureau and the transfer of one machine operator at \$1,400 to the statutory roll of the Division of Publications.

As the result of the operation of the agricultural extension act of May 8, 1914, and related Federal and State legislation a system of extension and demonstration work in agriculture and home economics has been developed in the 48 States which in its general plans and methods is essentially the same throughout the country. The farmers' institutes have very largely been made a part of the extension system. The work of the States Relations Service relating to agricultural instruction consists of the preparation and dissemination of special subject material in the field of agriculture and is essentially an extension service. All the extension and demonstration work of the States Relations Service will be brought together and consequently it is desirable that the appropriation for the farmers' cooperative demonstration work and the work relating to farmers' institutes and agricultural instruction should be carried in a single item as proposed in these estimates.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Agriculturist and chief.....per annum..	\$4,500.00	1	2	2
Agriculturists, \$4,500 to \$2,880.....do.....	16	15	15	
Extension specialists, \$4,000 to \$2,400.....do.....	15	15	15	
Specialists, \$3,600 to \$2,520.....do.....	4	5	5	
Scientific assistants, \$3,000 to \$1,400.....do.....	3	7	8	
Assistants, \$3,000 to \$2,000.....do.....	3	3	4	
Artist draftsman.....do.....	1,400.00	1	1	1
Colorist.....do.....	1,200.00	1	1	1
Agents, \$2,400 to \$1,008.....do.....		228	229	270
Chief personnel officer.....do.....	2,520.00		1	1
Agents, agriculturists, scientific assistant.....do.....		3,682	3,584	3,820
Clerks, \$2,000 to \$900.....do.....		9	23	33
Machine operator.....do.....	1,400.00		1	1
Charwomen.....do.....	240.00	2	2	2
Wages:				
Mechanical assistant.....do.....	1,600.00		1	1
Laborer.....do.....	720.00		1	1
Miscellaneous temporary me- chanics.....per diem ..	6.00	5	2	2
Salaries.....	\$1,225,140.00	\$1,185,740.00	\$1,188,401.73	
Wages.....	3,600.00	3,600.00	2,079.33	
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....	41,300.00	31,300.00	75,408.28	
Traveling expenses.....	48,650.00	48,650.00	71,503.91	
Miscellaneous items.....	34,590.00	29,590.00	18,788.99	
Total.....	1,353,280.00	1,298,880.00	1,356,182.24	

For cooperative agricultural extension work, to be allotted, paid, and expended in the same manner, upon the same terms and conditions, and under the same supervision as the additional appropriations made by the act of May 8, 1914 (38 Stat. L., p. 372), entitled "An act to provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an act of Congress approved July 2, 1862, and of acts supplementary thereto, and the United States Department of Agriculture," \$1,500,000; and all sums appropriated by this act for use for demonstration or extension work within any State shall be used and expended in accordance with plans mutually agreed upon by the Secretary of Agriculture and the proper officials of the college in such State which receives the benefits of said act of May 8, 1914: Provided, That of the above appropriation not more than \$300,000 shall be expended for purposes other than the salaries of county agents (acts July 2, 1862, vol. 12, p. 503, sec. 1; Mar. 2, 1887, vol. 24, p. 440, secs. 1-10; Mar. 16, 1906, vol. 34, p. 63, secs. 2, 3; May 8, 1914, vol. 38, pp. 372-374, sec. 1; Mar. 3, 1921, vol. 41, pp. 1338, 1339, sec. 1)..... 1,500,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 255.*General Expenses, States Relations Service*—Continued.

To enable the Secretary of Agriculture to establish and maintain agricultural experiment stations in Alaska, Hawaii, Porto Rico, the island of Guam, and the Virgin Islands of the United States, including the erection of buildings, the preparation, illustration, and distribution of reports and bulletins, and all other necessary expenses, \$210,000, as follows: Alaska, \$75,000, of which \$11,800, or so much thereof as may be necessary, shall be immediately available; Hawaii, \$50,000; Porto Rico, \$50,000; Guam, \$15,000; and the Virgin Islands of the United States, \$20,000; and the Secretary of Agriculture is authorized to sell such products as are obtained on the land belonging to the agricultural experiment stations in Alaska, Hawaii, Porto Rico, the island of Guam, and the Virgin Islands of the United States, and the amount obtained from the sale thereof shall be covered into the Treasury of the United States as miscellaneous receipts: *Provided*, That of the sum herein appropriated for the experiment station in Hawaii \$10,000 may be used in agricultural extension work in Hawaii (*acts July 2, 1862, vol. 12, p. 503, sec. 1; Mar. 2, 1887, vol. 24, p. 440, secs. 1-10; Mar. 3, 1921, vol. 41, pp. 1338, 1339, sec. 1*) \$210,000.00

ALASKA EXPERIMENT STATION.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Agronomist in charge.....per annum..	\$4,000.00	1	1	1
Agents, \$3,300 to \$1,500.....do.....		7	7	8
Clerks, \$2,040 to \$1,800.....do.....		1	1	1
Veterinarian.....do.....	2,400.00	1	1	1
Wages:				
Miscellaneous temporary labor, \$8 to \$2.50. per diem.....		40	40	40
Salaries.....	\$23,740.00	\$23,740.00	\$24,586.24	
Wages	27,500.00	27,500.00	17,836.81	
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....	1,500.00	1,500.00	2,259.23	
Equipment and material.....	10,580.00	10,580.00	16,767.49	
Miscellaneous items.....	11,680.00	11,680.00	11,050.23	
Total.....	75,000.00	75,000.00	72,500.00	

HAWAII EXPERIMENT STATION.

Salaries:				
^Agronomist in charge.....per annum..	\$4,000.00	1	1	1
Agronomists, \$2,400 to \$2,220.....do.....		1	1	1
Horticulturists, \$3,240 to \$3,000.....do.....		1	1	1
Assistant horticulturists, \$1,800 to \$1,500.....do.....		1	1	1
Extension agents, \$3,000 to \$2,520.....do.....		2	2	2
Assistant chemists, \$2,280 to \$2,040.....do.....		1	1	1
Home demonstration agents, \$1,800 to \$1,000.....do.....		1	1	1
Clerks, \$1,620 to \$1,400.....do.....		2	2	2
Collaborators.....do.....	300.00	3	3	3
Wages:				
Miscellaneous temporary labor, \$5 to \$1. per diem.....		35	36	40
Salaries.....	\$24,040.00	\$23,900.00	\$21,470.35	
Wages.....	14,725.00	15,440.00	16,221.53	
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....	3,980.00	3,500.00	2,305.30	
Equipment and material.....	3,145.00	2,500.00	3,930.37	
Miscellaneous items.....	4,110.00	4,660.00	4,572.45	
Total.....	50,000.00	50,000.00	48,500.00	

PORTO RICO EXPERIMENT STATION.

Salaries:				
Agronomist in charge.....per annum..	\$4,000.00	1	1	1
Specialist in farm management.....do.....	3,000.00	1	1	1
Chemist.....	3,000.00	1	1	1
Horticulturists, \$3,000 to \$2,700.....do.....		1	1	1
Entomologist, \$2,700 to \$2,400.....do.....		1	1	1
Plant breeders, \$2,400 to \$2,040.....do.....		2	2	2
Assistant chemist.....do.....	1,800.00	1	1	1
Clerks, \$1,680 to \$1,100.....do.....		3	3	3
Wages:				
Miscellaneous temporary labor, \$3 to \$0.50. per diem.....		40	36	35
Salaries.....	\$26,380.00	\$26,000.00	\$26,187.96	
Wages.....	11,000.00	10,000.00	13,561.40	
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....	1,500.00	1,000.00	575.60	
Equipment and material.....	7,020.00	7,400.00	4,116.72	
Miscellaneous items.....	4,100.00	5,600.00	4,058.32	
Total.....	50,000.00	50,000.00	48,500.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.

Total amount to be appropriated under each head of appropriation.

Amount appropriated for the fiscal year ending June 30, 1922.

Budget, page 256.

General Expenses, States Relations Service—Continued.

GUAM EXPERIMENT STATION.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Animal husbandman in charge.....per annum..	\$3,000.00	1	1	1
Agronomists, \$2,400 to \$2,250.....do.....				1
Extension agents, \$2,400 to \$2,280.....do.....				1
Agent.....do.....	1,860.00	1	1	1
Live-stock foreman.....do.....	1,320.00	1	1	1
Assistant.....do.....	900.00	2	2	1
Wages:				
Miscellaneous temporary labor, \$2 to \$0.50, per diem..		30	30	35
Salaries.....		\$7,980.00	\$7,980.00	\$11,214.15
Wages.....		4,550.00	4,550.00	3,213.65
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		750.00	750.00	193.08
Equipment and material.....		195.00	195.00	4,166.53
Miscellaneous items.....		1,525.00	1,525.00	1,212.59
Total.....		15,000.00	15,000.00	20,000.00

VIRGIN ISLANDS EXPERIMENT STATION.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Agronomist in charge.....per annum..	\$3,000.00	1	1	1
Entomologists, \$2,400 to \$2,220.....do.....		1	1	1
Clerks, \$1,620 to \$1,440.....do.....		1	1	1
Wages:				
Miscellaneous temporary labor, \$2.50 to \$0.50, per diem..		22	22	20
Salaries.....		\$6,660.00	\$6,660.00	\$6,660.00
Wages.....		6,950.00	6,950.00	6,115.30
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		500.00	500.00	243.78
Equipment and material.....		2,210.00	2,210.00	5,043.96
Miscellaneous items.....		3,680.00	3,680.00	1,436.96
Total.....		20,000.00	20,000.00	19,500.00

To enable the Secretary of Agriculture to investigate the relative utility and economy of agricultural products for food, clothing, and other uses in the home, with special suggestions of plans and methods for the more effective utilization of such products for these purposes, with the cooperation of other bureaus of the department, and to disseminate useful information on this subject, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses (*acts July 2, 1862, vol. 12, p. 503, sec. 1; Mar. 2, 1887, vol. 24, p. 440, secs. 1-10; Mar. 3, 1921, vol. 41, pp. 1338, 1339, sec. 1*).....

\$50,000.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Chief.....per annum..	\$4,000.00	1	1	1
Specialists, \$3,600 to \$1,800.....do.....		7	7	7
Do.....per diem.....	8.00	1	1	2
Scientific assistants, \$2,280 to \$1,200.....per annum..		11	11	14
Do.....per diem.....	5.00			1
Clerks, \$1,600 to \$1,200.....per annum..		1	1	3
Student assistants.....do.....	300.00			2
Lahoratory helper and charwoman, \$720 to \$240.....do.....				1
Wages:				
Painters and mechanics.....per diem..	6.00	2	2	.....
Salaries.....		\$39,850.00	\$39,850.00	\$36,258.40
Wages.....		150.00	150.00	86.00
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		1,000.00	1,000.00	1,670.86
Equipment and material.....		4,000.00	4,000.00	2,029.99
Miscellaneous items.....		5,000.00	5,000.00	4,012.86
Total.....		50,000.00	50,000.00	44,088.11

For general administrative expenses connected with the lines of work of the States Relations Service, including the offices of the director, the chief clerk, the officers in charge of publications, library, accounts, records, supplies, and property, and for miscellaneous expenses incident thereto (*acts July 2, 1862, vol. 12, p. 503, sec. 1; Mar. 2, 1887, vol. 24, p. 440, secs. 1-10; Mar. 3, 1921, vol. 41, pp. 1338, 1339, sec. 1*).....

12,600.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of facts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 257.*General Expenses, States Relations Service—Continued.*

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.		
Salaries:		Number.	Number.	Number.		
Agricultural physicist.....	per annum..	\$4,000.00	1	1	1	
Scientific assistant.....	do.....	1,500.00	2	2	2	
Assistant.....	do.....	2,800.00	1	1	1	
Salaries.....		\$9,800.00	\$9,800.00	\$9,241.66		
OTHER OBJECTS OF EXPENDITURE.						
Stationery and office supplies.....		375.00	375.00	387.95		
Traveling expenses.....		500.00	500.00	374.49		
Equipment and material.....		250.00	250.00	241.14		
Telephone and telegraph service.....		400.00	400.00	433.65		
Miscellaneous items.....		1,275.00	1,275.00	1,667.41		
Total.....		12,600.00	12,600.00	12,346.30		
In all, for general expenses.....					\$4,634,580.00	\$4,650,980.00

*Statement of clerks employed in District of Columbia under lump-sum appropriations for 30 days or more during the fiscal year ended June 30, 1921 (32 Stat., p. 308).***GENERAL EXPENSES, STATES RELATIONS SERVICE.**5 clerks, at \$1,600 each per annum.
1 clerk, \$1,440 per annum.
10 clerks, at \$1,400 each per annum.1 clerk, \$1,300 per annum.
21 clerks, at \$1,200 each per annum.**Budget, page 873.***Cooperative Agricultural Extension Work—*

For the purpose of paying the expenses of cooperative agricultural extension work and the necessary printing and distributing of information in connection with same, there is permanently appropriated \$480,000 for each year, \$10,000 of which is paid annually to each State which has by action of its legislature assented to the provisions of the act. There was also appropriated an additional sum of \$600,000 for the fiscal year following that in which the foregoing appropriation first became available, and for each year thereafter for seven years a sum exceeding by \$500,000 the sum appropriated for each preceding year, and for each year thereafter there is permanently appropriated the sum of \$4,100,000 in addition to the sum of \$480,000. The additional sums are allotted annually to each State by the Secretary of Agriculture and paid in the proportion which the rural population of each State bears to the total rural population of all the States as determined by the next preceding Federal census, but no payment out of the additional appropriations can be made in any year to any State until an equal sum has been appropriated for that year by the legislature of such State, or provided by State, county, college, local authority, or individual contributions from within the State, for the maintenance of cooperative agricultural extension work (act May 8, 1914, vol. 38, p. 373, sec. 3).

4,580,000.00 4,080,000.00

9,427,440.00 8,927,300.00

Total for States Relations Service.

Budget, page 257.**BUREAU OF PUBLIC ROADS.***Salaries, Bureau of Public Roads—*

Chief of bureau (increase of \$1,500) (R. S., p. 87, secs. 520-523; acts Mar. 3, 1905, vol. 33, p. 882, sec. 1; Mar. 3, 1921, vol. 41, p. 1340, sec. 1).....	\$7,500.00
Purchasing agent (same acts).....	2,500.00
Draftsman or clerk (same acts).....	1,920.00
Clerks or editorial clerks:	
One (same acts).....	1,600.00
One (same acts).....	1,200.00
Clerks or photographers:	
One (same acts).....	1,440.00
One (same acts).....	1,200.00
One (same acts).....	1,000.00
Clerk or instrument maker (same acts).....	1,200.00
Clerk or skilled laborer (same acts).....	1,000.00
Instrument maker, \$1,800.]	
Model maker, \$1,800.]	
Clerks:	
One (same acts).....	1,900.00
Four of class four (same acts).....	7,200.00
Seven of class three (same acts).....	11,200.00
Four at \$1,500 each (increase of 1 by transfer from lump fund) (same acts).....	6,000.00
Six of class two (same acts).....	8,400.00
Nine at \$1,320 each (same acts).....	11,880.00
Seven of class one (same acts).....	8,400.00
Four at \$1,100 each (same acts).....	4,400.00
Two at \$1,000 each (same acts).....	2,000.00
Mechanician (same acts).....	1,680.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.		
Budget, page 258.				
<i>Salaries, Bureau of Public Roads—Continued.</i>				
Mechanics:				
One (<i>R. S.</i> , p. 87, secs. 520–523; <i>acts Mar. 3, 1905, vol. 33, p. 882, sec. 1; Mar. 3, 1921, vol. 41, p. 1340, sec. 1</i>).....	\$2,100.00			
One (<i>same acts</i>).....	1,800.00			
One (<i>same acts</i>).....	1,500.00			
One (<i>same acts</i>).....	1,200.00			
Skilled laborer (<i>same acts</i>).....	1,200.00			
Skilled laborer or mechanic (<i>same acts</i>).....	840.00			
Laboratory aid (<i>same acts</i>).....	960.00			
Telephone operator (<i>same acts</i>).....	720.00			
Mimeograph operator (<i>same acts</i>).....	840.00			
Two laborers at \$900 each (<i>same acts</i>).....	1,800.00			
Messengers or laborers:				
Two at \$840 each (<i>same acts</i>).....	1,680.00			
Two at \$660 each (<i>Mar. 3, 1921, vol. 41, p. 1340, sec. 1</i>).....	1,320.00			
Four at \$600 each (<i>same acts</i>).....	2,400.00			
Four messengers, laborers, or laboratory helpers at \$720 each (<i>same acts</i>).....	2,880.00			
Fireman (<i>same acts</i>).....	720.00			
Messenger boys:				
Three at \$600 each (<i>same acts</i>).....	1,800.00			
Eight at \$480 each (<i>same acts</i>).....	3,840.00			
Twelve charwomen at \$240 each (increase of 1 by transfer from lump fund) (<i>same acts</i>)..	2,880.00			
		\$114,100.00		
NOTE.—Apparent decrease, \$360; actual increase, \$1,500. There is an increase of \$1,500 in the salary of the chief of bureau, from \$6,000 to \$7,500. One instrument maker and one model maker at \$1,800 each have been transferred to the lump-fund rolls, and one clerk of \$1,500 and one charwoman at \$240 have been transferred from the lump funds of this bureau, the funds correspondingly reduced. See introductory statement of Secretary of Agriculture.		\$114,460.00		
<i>General Expenses, Bureau of Public Roads—</i>				
For salaries and the employment of labor in the city of Washington and elsewhere, supplies, office fixtures, apparatus, traveling and all other necessary expenses, for conducting investigations and experiments, and for collating, reporting, and illustrating the results of same, and for preparing, publishing, and distributing bulletins and reports, as follows: <i>Provided</i> , That no part of these appropriations shall be expended for the rent or purchase of road-making machinery, except such as may be necessary for field experimental work as hereinafter provided for (<i>acts Mar. 3, 1905, vol. 33, p. 882, sec. 1; Mar. 3, 1921, vol. 41, pp. 1340, 1341, sec. 1</i>):				
For inquiries in regard to systems of road management, and economic studies of highway construction, operation, maintenance, and value, either independently or in cooperation with the State highway departments and other agencies, and for giving expert advice on these subjects, [[\$50,000]] \$66,800 (<i>same acts</i>).....	66,800.00			
NOTE.—Apparent increase, \$16,800; but due to transfer of instrument maker, at \$1,800 from statutory roll, actual increase is but \$15,000. This increase is recommended to provide for the extension of economic studies vitally important to the solution of problems of operation, transport, and management and of financing the highway improvement program; and to provide for the fourth quinquennial survey of highway conditions and expenditures.				
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		<i>Number.</i>	<i>Number.</i>	<i>Number.</i>
Senior highway engineer, \$3,600 to \$3,000.....per annum.....		6	3	3
Engineer economists, \$3,300 to \$3,000.....do.....		6	3	1
Special assistants, \$3,000 to \$2,400.....do.....		8	6	4
Assistant.....do.....	\$2,640.00	1	1	1
Special agent.....per diem.....	12.50	3	3	1
Editorial assistant.....per annum.....	1,920.00		1	1
Photographer.....do.....	1,800.00	1	1	1
Highway economist.....per diem.....	8.00	1	1	1
Lantern-slide colorist.....per annum.....	1,600.00	1	1	1
Clerks, \$1,600 to \$1,100.....do.....		6	2	2
Mimeograph operator.....do.....	840.00	1	1	1
Instrument maker.....do.....	1,800.00	1		
Wages:				
Carpenters, mechanics, painters, etc., \$8 to \$6.....per diem.....		6	6	6
Laborer.....per month.....	60.00	2	2	2
Salaries.....		\$44,300.00	\$35,000.00	\$16,157.58
Wages.....		2,500.00	500.00	267.00
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		2,500.00	2,500.00	2,151.20
Traveling expenses.....		12,500.00	7,500.00	1,102.07
Equipment and material.....		3,000.00	2,500.00	689.13
Miscellaneous items.....		2,000.00	2,000.00	2,975.92
Total.....		66,800.00	50,000.00	23,342.90

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 259.*General Expenses, Bureau of Public Roads—Continued.*

For investigations of the best methods of road making, especially by the use of local materials; for studying the types of mechanical plants and appliances used for road building and maintenance; for studying methods of road repair and maintenance suited to the needs of different localities, and for furnishing expert advice on these subjects, [§77,300] §78,860 (acts Mar. 3, 1905, vol. 33, p. 882, sec. 1; Mar. 3, 1921, vol. 41, pp. 1340, 1341, sec. 1).....

NOTE.—There is an apparent increase in this item of \$1,560, but taking into consideration the transfer of 1 charwoman at \$240 to the statutory roll, and the transfer from the statutory roll of 1 model maker at \$1,800, there is no actual increase.

\$78,860.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
District engineers.....per annum..	\$4,500.00	4	4	4
Highway engineers, \$3,600 to \$2,400.....do.....		14	14	14
Highway bridge engineer, \$3,500 to \$2,400.....do.....		6	6	6
Superintendent of road construction, \$3,000 to \$2,400.....do.....		2	2	2
Do.....per diem.....6.00		1	1	1
Chief clerk.....per annum..	2,500.00			1
Assistant testing engineer.....do.....	2,400.00			1
Draftsmen, \$1,980 to \$1,500.....do.....		6	6	6
Chief of road survey party, \$2,100 to \$1,920.....do.....		3	3	3
Telephone operator.....do.....	600.00	1	1	1
Engineer economist.....do.....	2,000.00	1	1	1
Economic geologist.....do.....	3,500.00			1
Transitmen for road surveys, \$2,400 to \$1,500.....do.....		5	5	5
Collaborators, \$5 to \$2.....per diem.....		3	3	3
Special agents.....per annum..	1,750.00	1	1	1
Do.....per diem.....12.50		1	1	1
Blueprinter.....per annum..	1,500.00	1	1	1
Charwomen.....do.....	240.00			4
Clerks, \$1,800 to \$720.....do.....				14
Field assistant.....per month..	100.00			3
Model maker.....per annum..	1,800.00	1		
Wages:				
Mechanic.....do.....	1,800.00			1
Operative.....do.....	720.00			1
Salaries.....		\$46,800.00	\$45,000.00	\$38,598.02
Wages.....		2,000.00	2,000.00	44.83

OTHER OBJECTS OF EXPENDITURE.

Stationery and office supplies.....	5,000.00	5,000.00	5,113.63
Traveling expenses.....	15,000.00	15,000.00	13,520.14
Equipment and material.....	5,060.00	5,300.00	5,063.15
Miscellaneous items.....	5,000.00	5,000.00	4,052.25
Total.....	78,860.00	77,300.00	66,392.02

For investigations of the chemical and physical character of road materials, for conducting laboratory and field experiments, and for studies and investigations in road design, independently or in cooperation with the State highway departments and other agencies, [§148,200] §175,000, payable out of the administrative fund provided by the Federal aid road act of July 11, 1916, as amended (*same acts*).

NOTE.—Apparent increase of \$26,800; in reality no appropriation is carried in this paragraph and the amount is not included in the total for the bureau. The paragraph merely authorizes the use of \$175,000 of Federal aid road act funds for investigations of the chemical and physical character of road materials, for conducting laboratory and field experiments, and for studies and investigations in road design, independently or in cooperation with the State highway departments and other agencies.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Engineer of tests.....per annum..	\$4,500.00			1
Testing engineers, \$3,600 to \$1,500.....do.....		11	11	6
Economic geologist.....do.....	3,500.00	1	1	1
Highway engineers, \$3,000 to \$2,400.....do.....		7	6	3
Do.....per diem.....12.50		1	1	1
Engineer economist.....per annum..	2,000.00	1	1	1
Chemists, \$3,000 to \$1,800.....do.....		11	7	6
Transitman.....do.....	1,800.00	2	2	1
Special agent, \$12.50 to \$7.....per diem..		5	4	3
Chief of survey party.....per annum..	2,100.00	1	1	1
Special observer.....do.....	1,500.00	2	1	1
Petrographer.....do.....	2,100.00	1	1	1
Special assistants, \$2,400 to \$1,500.....do.....		8	5	5
Architectural draftsman.....do.....	2,700.00			1
Laboratory assistants, \$1,800 to \$960.....do.....		20	17	11
Laboratory aids, \$1,500 to \$600.....do.....		10	5	4
Laboratory apprentices.....per month..	60.00	3	3	1
Clerks, \$1,600 to \$1,100.....per annum..		3	3	3
Wages:				
Temporary laborers.....do.....	900.00	10	8	3
Salaries.....		\$110,000.00	\$90,000.00	\$44,594.50
Wages.....		8,000.00	5,200.00	1,359.88

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 260.*General Expenses, Bureau of Public Roads—Continued.*

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		\$22,000.00	\$20,000.00	\$4,527.07
Equipment and material.....		30,000.00	28,000.00	6,552.38
Miscellaneous items.....		5,000.00	5,000.00	18,252.39
Total.....		175,000.00	148,200.00	75,286.22

For maintenance and repairs of experimental highways, including the purchase of materials and equipment; for the employment of assistants and labor, [[\$25,000]] \$20,000 (acts Mar. 3, 1905, vol. 33, p. 882, sec. 1; Mar. 3, 1921, vol. 41, pp. 1340, 1341, sec. 1).....

\$20,000.00

NOTE.—There is an actual decrease of \$5,000 in the above item.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:				
Road patrolman.....per annum.....	\$1,050.00	Number. 1	Number. 1	Number. 1
Superintendent of road construction.....do.....	2,400.00	1	1	1
Highway engineers, \$2,500 to \$2,100.....do.....		3	3	3
Collaborators, \$5 to \$2.....per diem.....				6
Wages:				
Temporary laborers.....per annum.....	900.00	2	2	3
Salaries.				
Salaries.....		\$2,500.00	\$2,500.00	\$1,261.40
Wages.....		1,000.00	1,000.00	1,950.19
OTHER OBJECTS OF EXPENDITURE.				
Miscellaneous items.....		16,500.00	9,000.00	9,720.64
Maintenance of roads.....			12,500.00	10,980.83
Total.....		20,000.00	25,000.00	23,913.06

For investigating and reporting upon the utilization of water in farm irrigation, including the best methods to apply in practice; the different kinds of power and appliances, and the development of equipment for farm irrigation; the flow of water in ditches, pipes, and other conduits; the duty, apportionment, and measurement of irrigation water; the customs, regulations, and laws affecting irrigation; for the purchase and installation of equipment for experimental purposes; for the giving of expert advice and assistance; for the preparation and illustration of reports and bulletins on irrigation; for the employment of assistants and labor in the city of Washington and elsewhere; for rent outside of the District of Columbia; and for supplies and all necessary expenses (*same acts*).....

72,000.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:				
Associate chief of division, \$4,200 to \$4,000.....per annum.....		Number. 1	Number. 1	Number. 1
Irrigation economists, \$3,000 to \$1,980.....do.....		3	1	2
Irrigation engineers, \$3,300 to \$1,000.....do.....		14	16	16
Irrigation manager.....do.....	\$1,500.00	1	1	1
Drainage engineers, \$3,300 to \$2,100.....do.....		2	2	2
Agents, \$1,200 to \$900.....do.....		1	1	1
Salaries.				
Salaries.....		\$50,000.00	\$50,000.00	\$45,842.26
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		16,500.00	16,500.00	13,152.37
Equipment and material.....		1,500.00	1,500.00	412.00
Miscellaneous items.....		4,000.00	4,000.00	1,816.73
Total.....		72,000.00	72,000.00	61,223.36

Budget, page 261.

For investigating and reporting upon farm drainage and upon the drainage of swamp and other wet lands which may be made available for agricultural purposes; for preparing plans for the removal of surplus water by drainage, and for giving expert assistance by advice or otherwise in the drainage of such lands; for conducting field experiments and investigations concerning the construction and maintenance of farm-drainage work; for investigating and developing equipment intended for the construction and maintenance of farm-drainage structures; for the purchase of materials and equipment; and for preparing and illustrating reports and bulletins on drainage; and for the employment of assistants and labor in the city of Washington and elsewhere; for rent outside of the District of Columbia, and for supplies and all necessary expenses, [[\$73,760]] \$72,260 (*same acts*).....

72,260.00

NOTE.—An apparent decrease of \$1,500 due to the transfer of 1 clerk at \$1,500 to statutory roll.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.

Total amount to be appropriated under each head of appropriation.

Amount appropriated for the fiscal year ending June 30, 1922.

Budget, page 261.

General Expenses, Bureau of Public Roads—Continued.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Chief of division.....per annum.....	\$2,250.00	1	1	1
Chief of drainage investigation.....do.....	4,500.00	1	1	1
Drainage engineers, \$3,600 to \$1,500.....do.....		22	22	17
Do.....per diem.....	10.50	1	1	2
Agricultural engineer.....per annum.....	2,500.00	1	1	1
Agent.....per diem.....	6.50	1	1	1
Copyist draftsman.....per annum.....	1,200.00	1	1	1
Collaborators, \$35 to \$15.....per month.....		3	3	3
Wages:				
Laborers, \$35 to \$30.....do.....		2	4	1
Salaries.....	\$48,500.00	\$50,000.00	\$40,904.04	
Wages.....	2,000.00	2,000.00	1,232.41	
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....	500.00	500.00	283.35	
Traveling expenses.....	17,000.00	17,000.00	8,541.24	
Equipment and material.....	2,000.00	2,000.00	421.64	
Telephone and telegraph service.....	200.00	200.00	28.89	
Miscellaneous items.....	2,060.00	2,060.00	2,908.95	
Total.....	72,260.00	73,760.00	54,320.52	

For investigating farm domestic water supply and drainage disposal, the construction of farm buildings, and other rural engineering problems involving mechanical principles, including the erection of such structures outside of the District of Columbia as may be necessary for experimental purposes only, the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$25,000.]

For investigating and reporting upon engineering problems pertaining to agriculture, independently or in cooperation with State agricultural colleges or other agencies, including the construction, capacity, use, and operation of farm implements, farm machinery, tractors, and motor trucks for farm use; the best kinds of power for farm work and the more efficient and more complete utilization of power on the farm; the construction, heating, lighting, ventilation, and equipment of farm dwellings and other farm structures with special reference to economizing materials and labor and the betterment of living conditions; farm water supply and drainage disposal; and for the design of structures and apparatus for the use of the department in experimental work; for conducting field experiments and investigations, including the purchase and installation of equipment for experimental purposes and the erection of such structures outside of the District of Columbia as may be necessary for experimental purposes only; for the investigation and development of new equipment for use on the farm; for the giving of expert advice and assistance; and for the preparation and illustration of reports and bulletins relating to the above items; for the employment of assistants and labor in the District of Columbia and elsewhere; for rent outside the District of Columbia, and for supplies and all necessary expenses (submitted).....

\$48,000.00

NOTE.—This item is proposed as a substitute for item omitted above, as the language of that item does not clearly indicate the specific projects which the department has under way and desires to develop. The new item is intended to set forth more definitely the purposes of the work. The amount of the appropriation has been increased by \$23,000, \$8,000 of which has been transferred from the item for fruits and vegetables under the Bureau of Agricultural Economics, making the actual increase only \$15,000. The \$8,000 will be used in making investigations of engineering problems relating to the handling, storage, and transportation of fruits and vegetables, this being a part of the procedure involving the gathering of all the engineering work in the department under one bureau.

It is desired to use the \$15,000 increase requested for the further development of the work that has been done on farm structures. There is a great opportunity to improve the types of structures now in use on the farm, not only as to the architectural features but as to arrangements and economy of construction.

Budget, page 262.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Chief of division.....per annum.....	\$2,250.00	1	1	1
Architects, \$3,780 to \$3,500.....do.....		1	1	1
Architectural engineers, \$3,000 to \$1,500 do.....		1	1	1
Mechanical engineers, \$3,300 to \$1,500 do.....		3	2	2
Mechanical and electrical engineer.....do.....	3,000.00	1	1	1
Agricultural engineers, \$3,000 to \$1,500 do.....		2	4	4
Agricultural engineering draftsmen, \$2,220 to \$1,800.....do.....		2	2	3
Assistant in agricultural engineering, \$2,000 to \$1,800.....do.....		2	2	2
Salaries.....	\$35,000.00	\$22,500.00	\$22,286.71	
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....	10,000.00	2,500.00	2,281.00	
Equipment and material.....			349.13	
Miscellaneous items.....	3,000.00		231.58	
Total.....	48,000.00	25,000.00	25,148.42	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.																																																		
Budget, page 262. <i>General Expenses, Bureau of Public Roads—Continued.</i>																																																				
For general administrative expenses connected with the above-mentioned lines of investigations and experiments (<i>acts Mar. 3, 1905, vol. 33, p. 882, sec. 1; Mar. 3, 1921, vol. 41, pp. 1340, 1341, sec. 1</i>)	\$16,000.00																																																			
<table border="1"> <thead> <tr> <th>Employees.</th><th>Rate.</th><th>Estimated, 1923.</th><th>Estimated, 1922.</th><th>Expended, 1921.</th></tr> </thead> <tbody> <tr> <td>Salaries: Chief, Drainage Division.....per annum..</td><td>\$4,500.00</td><td>Number.</td><td>Number.</td><td>Number. 1</td></tr> <tr> <td>Salaries.....</td><td></td><td></td><td></td><td>\$3,299.03</td></tr> <tr> <td colspan="5">OTHER OBJECTS OF EXPENDITURE.</td></tr> <tr> <td>Stationery and office supplies.....</td><td></td><td>\$4,000.00</td><td>\$3,500.00</td><td>790.36</td></tr> <tr> <td>Traveling expenses.....</td><td></td><td></td><td></td><td>651.78</td></tr> <tr> <td>Equipment and material.....</td><td></td><td>1,000.00</td><td>750.00</td><td>1,035.81</td></tr> <tr> <td>Telephone and telegraph service.....</td><td></td><td>3,000.00</td><td>3,500.00</td><td>3,754.34</td></tr> <tr> <td>Miscellaneous items.....</td><td></td><td>8,000.00</td><td>8,250.00</td><td>6,167.72</td></tr> <tr> <td>Total.....</td><td></td><td>16,000.00</td><td>16,000.00</td><td>15,704.04</td></tr> </tbody> </table>	Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.	Salaries: Chief, Drainage Division.....per annum..	\$4,500.00	Number.	Number.	Number. 1	Salaries.....				\$3,299.03	OTHER OBJECTS OF EXPENDITURE.					Stationery and office supplies.....		\$4,000.00	\$3,500.00	790.36	Traveling expenses.....				651.78	Equipment and material.....		1,000.00	750.00	1,035.81	Telephone and telegraph service.....		3,000.00	3,500.00	3,754.34	Miscellaneous items.....		8,000.00	8,250.00	6,167.72	Total.....		16,000.00	16,000.00	15,704.04		
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For supervising the preparation, distribution, and use of picric acid, trinitrotoluol, trojan powder, and such other surplus war explosives as may be made available for use in clearing stumps and stones from agricultural land, independently or in cooperation with agricultural colleges and other agencies, and for investigating and reporting upon the results obtained from the use of the explosives (<i>same acts</i>)	15,000.00																																																			
<table border="1"> <thead> <tr> <th>Employees.</th><th>Rate.</th><th>Estimated, 1923.</th><th>Estimated, 1922.</th><th>Expended, 1921.¹</th></tr> </thead> <tbody> <tr> <td>Salaries: Agricultural engineers, \$3,600 to \$2,100 per annum.....</td><td></td><td>Number.</td><td>Number.</td><td></td></tr> <tr> <td></td><td></td><td>5</td><td>4</td><td>.....</td></tr> <tr> <td>Salaries.....</td><td></td><td>\$10,000.00</td><td>\$7,000.00</td><td>.....</td></tr> <tr> <td colspan="5">OTHER OBJECTS OF EXPENDITURE.</td></tr> <tr> <td>Traveling expenses.....</td><td></td><td>5,000.00</td><td>2,500.00</td><td>.....</td></tr> <tr> <td>Equipment, freight, and express.....</td><td></td><td></td><td>500.00</td><td>.....</td></tr> <tr> <td>Reserve to cover bond.....</td><td></td><td></td><td>5,000.00</td><td>.....</td></tr> <tr> <td>Total.....</td><td></td><td>15,000.00</td><td>15,000.00</td><td>.....</td></tr> </tbody> </table>	Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921. ¹	Salaries: Agricultural engineers, \$3,600 to \$2,100 per annum.....		Number.	Number.				5	4	Salaries.....		\$10,000.00	\$7,000.00	OTHER OBJECTS OF EXPENDITURE.					Traveling expenses.....		5,000.00	2,500.00	Equipment, freight, and express.....			500.00	Reserve to cover bond.....			5,000.00	Total.....		15,000.00	15,000.00							
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921. ¹																																																
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¹ No appropriation.																																																				
In all, for general expenses.....	\$388,920.00	\$354,060.00																																																		
<i>Statement of clerks employed in District of Columbia under lump-sum appropriations for 30 days or more during the fiscal year ended June 30, 1921 (32 Stat., p. 303).</i>																																																				
GENERAL EXPENSES, BUREAU OF PUBLIC ROADS.																																																				
1 clerk, \$1,800 per annum.	9 clerks, at \$1,200 each per annum.																																																			
1 clerk, \$1,600 per annum.	4 clerks, at \$1,100 each per annum.																																																			
1 clerk, \$1,400 per annum.	1 clerk, \$720 per annum.																																																			
1 clerk, \$1,320 per annum.																																																				
Budget, page 873. <i>Cooperative Construction, etc., of Roads and Trails, National Forests—</i>																																																				
There is appropriated \$1,000,000 for the fiscal year ending June 30, 1917, and each fiscal year thereafter, up to and including the fiscal year ending June 30, 1926; in all, \$10,000,000, to be available until expended under the supervision of the Secretary of Agriculture, upon request from the proper officers of the State, Territory, or county for the survey, construction, and maintenance of roads and trails within or only partly within the national forests, when necessary for the use and development of resources upon which communities within and adjacent to the national forests are dependent, when the State, Territory, or county has entered into a cooperative agreement with the Secretary of Agriculture for the survey, construction, and maintenance of such roads or trails upon a basis equitable to both the State, Territory, or county, and the United States. The aggregate expenditures in any State, Territory, or county can not exceed 10 per cent of the value of the timber and forage resources which are or will be available for income upon the national forest lands within the respective county or counties wherein the roads or trails are to be constructed. The Secretary of Agriculture is required to make annual report to Congress of the amounts expended hereunder. Out of the appropriations made by this act, the Secretary of Agriculture is authorized to employ assistants, clerks, and other persons in the city of Washington and elsewhere, to rent buildings outside of the city of Washington, to purchase supplies, material, equipment, office fixtures, and apparatus, and to incur travel and other expense for carrying out the purposes of this act (<i>act July 11, 1916, vol. 39, p. 358, secs. 8, 9</i>)	1,000,000.00	1,000,000.00																																																		
Total for Bureau of Public Roads.....	1,503,020.00	1,468,520.00																																																		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
Budget, page 263.		
[BUREAU OF MARKETS AND CROP ESTIMATES.]		
NOTE.—The Bureau of Markets and Crop Estimates, with its appropriations, has been made a part of the new Bureau of Agricultural Economics.		
BUREAU OF AGRICULTURAL ECONOMICS.		
NOTE.—It is proposed to consolidate the Office of Farm Management and Farm Economics and the Bureau of Markets and Crop Estimates. This will result in many advantages, as numerous phases of the work of the two bureaus are closely related. Both employ statisticians and economists and collect data bearing on economic factors of production and distribution, such as cost of production and cost of marketing, agricultural competition, agricultural credit and cooperation, and the geography of agricultural production and distribution. The personnel and equipment of the two bureaus can be used to better advantage and more effectively in a single bureau dealing with the business side of agriculture than is practicable when the bureaus are operated as separate and independent units, and their consolidation should result in much more economical administration and operation. It is requested that the title "Bureau of Agricultural Economics" be given to the newly created bureau. This bureau will be a combination of two existing units and the title shown was chosen as it seemed to be broad enough to cover all the activities now authorized, and is less cumbersome than any designation combining the present titles of the two bureaus. The old language of the two bureaus, and all changes therein, are indicated below:		
[Salaries, Office of Farm Management and Farm Economics—]		
Chief of office, \$5,000; assistant to the chief, \$2,520; executive assistant, \$2,250; clerks, two of class 4, four of class 3, seven of class 2, two at \$1,320 each, eighteen of class 1, three at \$1,100 each, four at \$1,080 each, fifteen at \$1,000 each; clerks or draftsmen, one \$1,440, one \$1,020; draftsman, \$1,200; library assistants, one \$1,440, one \$900; photographer, \$1,400; cartographer, \$1,500; messenger or laborer, \$720; messenger boys, one \$660, three at \$480 each; charwomen, one \$480, five at \$240 each; in all, \$89,830.]		
[Salaries, Bureau of Markets and Crop Estimates—]		
Chief of bureau, \$5,000; chief clerk, \$2,000; administrative assistants, one \$3,000, one \$2,500, one \$1,800; clerk in charge of supplies and accounts, \$2,250; executive clerks, five at \$2,000 each, three at \$1,980 each; clerks, twenty of class 4, thirty-seven of class 3, seventy of class 2, two hundred and twenty of class 1, sixty-five at \$1,100 each, ninety-five at \$1,000 each; photographers, one \$1,400, one \$1,200; superintendent of telegraph, \$2,000; supervising telegrapher, \$1,620; telegraph operators, five at \$1,600 each, forty-seven at \$1,400 each; telephone operators, two at \$900 each, one \$840; draftsmen, one \$1,400, one \$1,380, three at \$1,200 each, one \$1,000, one \$900; custodian of supplies, \$1,200; machine operators, three at \$1,400 each, four at \$1,200 each, two at \$1,100 each, eleven at \$1,000 each, three at \$900 each; three chauffeurs at \$900 each; skilled laborer, \$1,200; laborers, five at \$900 each, three at \$840 each, ten at \$720 each, four at \$660 each, five at \$600 each, two at \$540 each; messengers, four at \$900 each, two at \$720 each; messenger boys, three at \$660 each, twelve at \$600 each, fifteen at \$540 each, twenty at \$480 each; charwomen, two at \$540 each, six at \$480 each, two at \$360 each, six at \$300 each, nine at \$240 each; in all, \$838,630.]		
Salaries, Bureau of Agricultural Economics—		
Chief of bureau (increase of \$2,500) (R. S., p. 87, secs. 520-523; acts Mar. 4, 1913, vol. 37, p. 854, sec. 1; Mar. 4, 1915, vol. 38, p. 1087, sec. 1; Mar. 3, 1921, vol. 41, pp. 1315, 1316, and 1341, sec. 1).....	\$7,500.00	
Administrative assistants:		
One (<i>same acts</i>).....	3,000.00	
One (in lieu of assistant to the chief) (<i>same acts</i>).....	2,520.00	
One (<i>same acts</i>).....	2,500.00	
Two executive assistants at \$2,250 each (1 in lieu of clerk in charge of supplies and accounts) (<i>same acts</i>).....	4,500.00	
Executive clerks:		
Seven at \$2,000 each (1 in lieu of chief clerk and increase of 1 by transfer from lump fund) (<i>same acts</i>).....	14,000.00	
Two at \$1,980 each (decrease of 1 by transfer to statutory roll, Division of Publications) (<i>same acts</i>)	3,960.00	
Clerks:		
Twenty-three of class 4 (1 in lieu of 1 administrative assistant) (<i>same acts</i>).....	41,400.00	
Forty-three of class 3 (increase of 2 by transfer from lump fund) (<i>same acts</i>).....	68,800.00	
Eighty-two of class 2 (increase of 8 by transfer from lump fund and decrease of 3 by transfer to statutory roll, Division of Publications, making a net increase of 5 places) (<i>same acts</i>)	114,800.00	
Two at \$1,320 each (<i>same acts</i>)	2,640.00	
Two hundred and fifty-eight of class 1 (increase of 22 by transfer from lump fund, and decrease of 2 by transfer to statutory roll, Division of Publications, making a net increase of 20 places) (<i>same acts</i>)	309,600.00	
Sixty-nine at \$1,100 each (increase of 3 by transfer from lump fund, and decrease of 2 by transfer to statutory roll, Division of Publications, making a net increase of 1 place) (<i>same acts</i>)	75,900.00	
Seven at \$1,080 each (increase of 3 by transfer from lump fund) (<i>same acts</i>)	7,560.00	
One hundred and sixteen at \$1,000 each (increase of 9 by transfer from lump fund, and decrease of 3 by transfer to statutory roll, Division of Publications, making a net increase of 6 places) (<i>same acts</i>)	116,000.00	
Clerks or draftsmen:		
Two at \$1,440 each (increase of 1 by transfer from lump fund) (<i>same acts</i>)	2,880.00	
One (<i>same acts</i>)	1,020.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
Budget, page 264.		
<i>Salaries, Bureau of Agricultural Economics—Continued.</i>		
Photographers:		
Two at \$1,400 each (<i>R. S., p. 87, secs. 520-523; acts Mar. 4, 1913, vol. 37, p. 854, sec. 1; Mar. 4, 1915, vol. 38, p. 1087, sec. 1; Mar. 3, 1921, vol. 41, pp. 1315, 1316, and 1341, sec. 1</i>)	\$2,800.00	
One (<i>same acts</i>)	1,200.00	
Superintendent of telegraph (<i>same acts</i>)	2,000.00	
Supervising telegrapher (<i>same acts</i>)	1,620.00	
Telegraph operators:		
Five at \$1,600 each (<i>same acts</i>)	8,000.00	
Forty-seven at \$1,400 each (<i>same acts</i>)	65,800.00	
Telephone operators:		
Two at \$900 each (<i>same acts</i>)	1,800.00	
One (<i>same acts</i>)	840.00	
Draftsmen:		
One (by transfer from lump fund) (<i>same acts</i>)	1,800.00	
One (by transfer from lump fund) (<i>same acts</i>)	1,600.00	
One (<i>same acts</i>)	1,400.00	
One (<i>same acts</i>)	1,380.00	
Four at \$1,200 each (<i>same acts</i>)	4,800.00	
One (<i>same acts</i>)	1,000.00	
One (<i>same acts</i>)	900.00	
Library assistant (<i>same acts</i>)	1,440.00	
Cartographer (<i>same acts</i>)	1,500.00	
Custodian of supplies (<i>same acts</i>)	1,200.00	
Machine operators:		
One (decrease of 2 by transfer to statutory roll, Division of Publications) (<i>same acts</i>)	1,400.00	
NOTE.—Four machine operators, at \$1,200, are also transferred to the statutory roll, Division of Publications.		
Two at \$1,100 each (<i>same acts</i>)	2,200.00	
Ten at \$1,000 each (decrease of 2 by transfer to statutory roll, Division of Publications, and increase of 1 by transfer from lump fund, making a net decrease of 1 place) (<i>same acts</i>)	10,000.00	
Three at \$900 each (<i>same acts</i>)	2,700.00	
Three chauffeurs, at \$900 each (<i>same acts</i>)	2,700.00	
Skilled laborers:		
One (<i>same acts</i>)	1,200.00	
One (by transfer from lump fund) (<i>same acts</i>)	1,000.00	
Laborers:		
Six at \$900 each (increase of 1 by transfer from lump fund) (<i>same acts</i>)	5,400.00	
Three at \$840 each (<i>same acts</i>)	2,520.00	
Twelve at \$720 each (increase of 3 by transfer from lump fund, and decrease of 1 by transfer to statutory roll, Division of Publications, making a net increase of 2 places) (<i>same acts</i>)	8,640.00	
Four at \$660 each (<i>same acts</i>)	2,640.00	
Five at \$600 each (<i>same acts</i>)	3,000.00	
Two at \$540 each (<i>same acts</i>)	1,080.00	
Messengers:		
Four at \$900 each (<i>same acts</i>)	3,600.00	
One (decrease of 1 by transfer to statutory roll, Division of Publications) (<i>same acts</i>)	720.00	
Messenger or laborer (<i>same acts</i>)	720.00	
Messenger boys:		
Three at \$660 each (decrease of 1 by transfer to statutory roll, Division of Publications) (<i>same acts</i>)	1,980.00	
Thirteen at \$600 each (increase of 1 by transfer from lump fund) (<i>same acts</i>)	7,800.00	
Fifteen at \$540 each (<i>same acts</i>)	8,100.00	
Twenty-two at \$480 each (decrease of 1 by transfer to statutory roll, Division of Publications) (<i>same acts</i>)	10,560.00	
Charwomen:		
Two at \$540 each (<i>same acts</i>)	1,080.00	
Seven at \$480 each (<i>same acts</i>)	3,360.00	
Two at \$360 each (<i>same acts</i>)	720.00	
Six at \$300 each (<i>same acts</i>)	1,800.00	
Fourteen at \$240 each (<i>same acts</i>)	3,360.00	
		\$967,940.00
		\$928,460.00

NOTE.—Apparent increase, \$39,480; actual decrease, \$3,400. There is an increase of \$2,500 in the salary of the chief of bureau, from \$5,000 to \$7,500, but as the chief of Office of Farm Management at \$5,000 and 1 library assistant of Farm Management at \$900 have been dropped, an actual net decrease of \$3,400 results.

One administrative assistant at \$2,520, 1 executive assistant at \$2,250, 1 executive clerk at \$2,000, and 1 clerk of class 4 replace 1 assistant to the chief, at \$2,520, 1 clerk in charge of supplies and accounts at \$2,250, 1 chief clerk at \$2,000, and 1 administrative assistant at \$1,800, involving merely changes in title, not in salary. While 58 employees with salaries aggregating \$68,840 are transferred from lump-fund appropriations for the Office of Farm Management and Farm Economics and the Bureau of Markets and Crop Estimates, 23 employees, with salaries of \$25,960, have been transferred to the Division of Publications. In each case the rolls have been reduced by the amount of the salaries involved.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.		
Budget, page 265.				
General Expenses, Office of Farm Management and Farm Economics—				
For the employment of persons in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and all other expenses necessary in carrying out the work herein authorized, as follows:				
To investigate and encourage the adoption of improved methods of farm management and farm practice, \$325,000: <i>Provided</i> , That of this amount \$150,000 may be used in ascertaining the cost of production of the principal staple agriculture products.]				
NOTE.—In merging the office of Farm Management and Farm Economics into the new Bureau of Agricultural Economics, the item of appropriation providing \$325,000 for the general expenses of the Office of Farm Management and Farm Economics has been distributed, without changing the present law, among the projects to which the funds are now allotted, as follows: To general administration, \$6,273; to farm management, \$65,267; to cost of production, \$85,000; to marketing farm products, \$13,180; to agricultural history and geography, \$30,280; to agricultural finance, \$30,000; to farm-land economics, \$65,000; and to country life and rural organization, \$30,000. For each of these activities a separate item of appropriation appears below in the new Bureau of Agricultural Economics, and in the case of the items for general administration, cost of production and distribution, and marketing farm products the amounts transferred from the present general expense appropriation of the Office of Farm Management and Farm Economics have been combined with other amounts transferred from the Bureau of Markets and Crop Estimates, where they are now appropriated for these purposes.				
General Expenses, Bureau of Markets and Crop Estimates—				
For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and all other expenses necessary in conducting investigations, experiments, and demonstrations, as follows:				
NOTE.—In merging the Bureau of Markets and Crop Estimates into the new Bureau of Agricultural Economics, the present arrangement of the law has been somewhat deviated from and slight changes have been made in the language of several paragraphs, as indicated in the notes accompanying them, but the substance of the law remains unchanged. The paragraph providing \$30,000 for general administration has been made the first instead of the last item; of the present appropriation of \$326,000 for marketing and distributing farm products, \$30,000 for preservation of fruits and vegetables has been transferred to the Bureau of Plant Industry and the Bureau of Public Roads, and the remainder has been distributed among the projects to which the funds are now allotted, \$57,200 to cost of production and distribution, \$218,800 to marketing farm products, and \$20,000 to agricultural prices and statistics; the paragraph providing \$390,160 for market information has been made the twelfth instead of the second item and that providing \$175,000 for market inspection of perishable foods has been made the eleventh instead of the third item; the present appropriations of \$38,400 for cotton standards and tests, \$70,000 for State cooperation in marketing, and \$60,000 for grain standards, have been merged into the paragraph for marketing farm products; and the appropriation of \$300,000 for crop and live-stock estimates has been divided by making a separate item of the present proviso of \$50,000 for investigations of agricultural competition and demand in foreign countries, leaving \$250,000 for the crop and live stock estimate work. The paragraphs providing for the enforcement of the cotton futures, grain standards, warehouse and standard container acts, and for the completion of wool work retain their present arrangement.				
Preceding each paragraph of the new Bureau of Agricultural Economics, below, is shown the present law, or, following each paragraph, suitable reference is made to the present item of appropriation appearing elsewhere.				
General Expenses, Bureau of Agricultural Economics—				
For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and all other expenses necessary in conducting investigations, experiments, and demonstrations, as follows (<i>acts Mar. 4, 1913, vol. 37, p. 834, sec. 1; Mar. 4, 1915, vol. 38, p. 1087, sec. 1; Mar. 3, 1921, vol. 41, pp. 1316, 1341-1343, sec. 1</i>):				
For general administrative expenses in connection with the lines of investigation, experiment, and demonstration conducted in the Bureau of Markets and Crop Estimates, \$30,000.]				
For general administrative expenses in connection with the lines of investigation, experiment, and demonstration conducted in the Bureau of Agricultural Economics (<i>same acts</i>)	\$36,273.00			
NOTE.—This item, formerly carried as the last item under general expenses, Bureau of Markets and Crop Estimates, is transferred so as to follow the enabling clause. The total is made up of \$30,000 appropriated for general administrative expenses in the Bureau of Markets and Crop Estimates and \$6,273 allotted for administrative purposes under general expenses, Office of Farm Management and Farm Economics. There is no increase.				
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Associate chief.....per annum.....	\$4,500.00	1	1	1
Assistant chief.....do.....	4,260.00	.....	.....	1
Assistant to chief.....do.....	3,500.00	1	.....	.....
Chief statistician.....do.....	4,500.00	.....	1	.....
Specialists, \$4,500 to \$2,040.....do.....	.....	.....	1	2
Specialist.....per diem.....	12.50	.....	.....	1
Economist, \$4,500 to \$3,600.....per annum.....	.....	1	1	1
Assistants, \$2,960 to \$1,600.....do.....	.....	6	5	7
Assistant.....per diem.....	12.50	.....	.....	1
Draftsmen, \$1,800 to \$1,320.....per annum.....	.....	.....	.....	3
Clerks, \$1,800 to \$1,200.....do.....	.....	1	1	4
Salaries.....		\$27,000.00	\$27,320.00	\$19,107.93
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....	500.00	500.00	42.35	
Traveling expenses.....	5,973.00	5,573.00	5,006.06	
Equipment and material.....	1,100.00	1,100.00	1,358.25	
Telephone and telegraph service.....	350.00	350.00	322.74	
Miscellaneous items.....	1,350.00	1,430.00	2,680.81	
Total.....	36,273.00	36,273.00	28,518.14	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 266.*General Expenses, Bureau of Agricultural Economics—Continued.*

To investigate and encourage the adoption of improved methods of farm management and farm practice (*acts Mar. 4, 1913, vol. 37, p. 854, sec. 1; Mar. 4, 1915, vol. 38, p. 1087, sec. 1; Mar. 3, 1921, vol. 41, pp. 1316, 1341-1343, sec. 1*)..... \$65,267.00

NOTE.—The various lines of work now being conducted under the appropriation for general expenses, Office of Farm Management and Farm Economics, are shown in these estimates under separate appropriations. This item covers the study of farm organization and the appropriation requested is the same as the amount allotted to this work during the current year.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:				
Associate economist.....per annum..	\$3,500.00	Number.	Number.	Number.
Assistant economist, \$3,000 to \$2,400.....do.		1	1	1
Junior economist, \$2,520 to \$1,800.....do.		4	5	4
Agriculturist.....do.	2,400.00	3	3	5
Assistant, \$2,960 to \$1,500.....do.		3	8	10
Agent, \$2,280 to \$1,200.....do.		7	3	3
Clerk, \$2,000 to \$1,000.....do.		1	3	23
Clerk and collaborators, \$900 to \$1.....do.		1		9
Wages:				
Engineer.....do.	1,600.00			1
Mechanical assistant.....do.	1,600.00	1	1	3
Plasterer.....per diem.	10.00			1
Laborers.....do.	3.00			1
Salaries.....		\$43,040.00	\$39,248.00	\$41,033.69
Wages.....		1,600.00	1,600.00	3,296.99
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		1,680.00	1,600.00	850.28
Traveling expenses.....		16,623.00	14,643.00	18,910.88
Equipment and material.....		1,680.00	1,680.00	640.00
Telephone and telegraph service.....		280.00	280.00	210.00
Miscellaneous items.....		364.00	6,216.00	343.00
Total.....		65,267.00	65,267.00	65,234.84

For gathering data on the costs of producing farm products, the costs of the various processes of production, the factors of production; and costs of marketing farm products, including the costs of the various marketing processes and of each stage in the movement of farm products from farmer to consumer, or in the conversion of farm products into form for consumption (*same acts*).....

150,000.00

NOTE.—The language of this paragraph is new, but it covers work authorized by law under the appropriations of the Bureau of Markets and Crop Estimates and the Office of Farm Management and Farm Economics, \$57,200 being allotted to cost of distribution investigations from the appropriation for marketing and distributing farm products and \$85,000 to cost of production investigations from the appropriation for farm management and farm economics, a total of \$142,200. An apparent increase of \$7,800 is requested over the amounts at present allotted to this work, but taking into consideration the transfer to the statutory roll of four employees with salaries aggregating \$4,480, the actual increase is \$12,280. It is planned to develop this line of research as rapidly as possible in order that the bureau may be in a position to supply information with regard to the cost of producing and marketing the leading farm products.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:				
Economist, \$4,500 to \$3,500.....per annum..		Number.	Number.	Number.
Associate economist.....do.	\$3,600.00	2	2	3
Assistant economist.....do.	2,760.00	1	1	1
Junior economist, \$3,000 to \$1,860.....do.		2	2	4
Agriculturist, \$3,000 to \$2,520.....do.		4	4	5
Specialist, \$4,500 to \$3,000.....do.		1	1	2
Investigators, \$3,500 to \$2,400.....do.		2	2	4
Assistant, \$3,000 to \$900.....do.		2	2	3
Accountant, \$2,500 to \$2,400.....do.		10	11	17
Auditor, \$1,800 to \$1,320.....do.		1	1	1
Agent, \$2,280 to \$1,000.....do.		18	15	4
Clerk, \$2,040 to \$1,000.....do.		1	7	20
Clerks and collaborators, \$900 to \$1.....do.		10	10	18
Salaries.....		\$107,705.00	\$102,640.00	\$101,852.84
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		2,000.00	1,500.00	209.46
Traveling expenses.....		28,585.00	26,406.00	21,271.39
Equipment and material.....		6,000.00	4,000.00	66.99
Telephone and telegraph service.....		400.00	400.00	367.22
Miscellaneous items.....		5,310.00	7,254.00	210.44
Total.....		150,000.00	142,000.00	123,978.34

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.		
Budget, page 267. <i>General Expenses, Bureau of Agricultural Economics—Continued.</i>				
For acquiring and diffusing among the people of the United States useful information on subjects connected with the marketing and distributing of farm and nonmanufactured food products and the purchasing of farm supplies, independently and in cooperation with other branches of the department, State agencies, purchasing and consuming organizations, and persons engaged in the transportation, marketing, and distributing of farm and food products, \$326,000: <i>Provided</i> , That not less than \$30,000 shall be used for a study of the methods of prevention of losses by deterioration, decay, and freezing of fruits and vegetables in storage and in transit in refrigerator cars, heater cars, and ocean vessels, including demonstrations of such methods.]				
For investigating, demonstrating, and promoting the use of standards for the different grades, qualities, and conditions of cotton, and for investigating the ginning, grading, stapling, baling, marking, compressing, and tare of cotton, \$38,400: <i>Provided</i> , That of the sum thus appropriated \$30,000 may be used for testing the waste, tensile strength, and bleaching qualities of the different grades and classes of cotton in order to determine their spinning value and for demonstrating the results of such tests.]				
To enable the Secretary of Agriculture to cooperate with the several States in the employment of agents to acquire and diffuse useful information connected with the distribution and marketing of farm products through investigational, demonstrational, or extension methods, \$70,000.]				
For investigating the handling, grading, and transportation of grain, including the grain sorghums, for the purpose of fixing definite grades thereof, \$60,000.]				
For acquiring and diffusing among the people of the United States useful information on subjects connected with the marketing, handling, utilization, grading, transportation, and distributing of farm and nonmanufactured food products and the purchasing of farm supplies, <i>including the demonstration and promotion of the use of uniform standards of classification of American farm products throughout the world</i> , independently and in cooperation with other branches of the department, State agencies, purchasing and consuming organizations, and persons engaged in the marketing, handling, utilization, grading, transportation, and distributing of farm and food products (<i>acts Mar. 4, 1913, vol. 37, p. 854, sec. 1; Mar. 4, 1915, vol. 38, p. 1087, sec. 1; Mar. 3, 1921, vol. 41, pp. 1316, 1341-1343, sec. 1</i>)... \$425,380.00	\$425,380.00			
NOTE.—During the current fiscal year, \$13,180 is allotted to this work from the appropriation for farm management and farm economics and \$248,800 from the appropriation for marketing and distributing farm products; \$38,400 is appropriated for cotton standards and cotton testing; \$70,000 for State cooperation in marketing and \$60,000 for grain standards, a total of \$130,380. The amount requested is \$5,000 less than this total allotment, but as the studies in the preservation of fruits and vegetables covered by the \$30,000 proviso are being transferred to the Bureau of Plant Industry and the Bureau of Public Roads, and as four employees with salaries aggregating \$6,000 are transferred to the statutory roll, there is an actual net increase of \$31,000. This increase will provide for the expansion of studies of methods of marketing and distributing farm products, including the work of standardization.				
The paragraph has been amended by inserting the words "handling, utilization, grading, transportation," and the clause: "including the demonstration and promotion of the use of uniform standards of classification of American farm products throughout the world." These changes are requested in order to cover the work now conducted under the appropriations for cotton standardization, grain investigations, and State cooperation in marketing work, which have been omitted as separate appropriations and are combined with the item for marketing and distributing farm products. The proviso has been omitted, the work being transferred to other bureaus as stated above.				
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Assistant to chief of bureau.....per annum.	\$4,260.00	1	1	1
Specialists, \$4,500 to \$2,400.....do.....		22	21	35
Supervisors, \$3,500 to \$2,400.....do.....		5	5	4
Investigators, \$4,250 to \$1,860.....do.....		23	23	27
Agriculturalists, \$2,520 to \$2,000.....do.....		2	3	3
Pomologist.....do.....	4,000.00		1	1
Technologists, \$3,240 to \$3,000.....do.....			2	2
Pathologist.....do.....	2,400.00			1
Assistants, \$4,260 to \$1,200.....do.....		47	46	78
Laboratory aid.....do.....	1,030.00			1
Agents, \$2,400 to \$1,200.....do.....		30	30	43
Custodian of supplies.....do.....	1,200.00			2
Clerks, \$2,000 to \$1,000.....do.....			3	16
Operatives, \$1,000 to \$900.....do.....				5
Draftsman.....do.....	1,600.00		1	1
Photographer.....do.....	1,200.00			1
Agents, collaborators, clerks, machine operators, telephone operators and messengers, \$900 to \$1.....do.....		84	84	112
Wages:				
Machinist.....do.....	1,600.00	1	1	.....
Carpenter.....do.....	1,600.00	1	1	.....
勞工.....do.....	900.00	1	1	1
Salaries.....		\$296,607.00	\$320,167.00	\$332,085.01
Wages.....		4,100.00	4,100.00	900.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of facts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 268.*General Expenses, Bureau of Agricultural Economics—Continued.*

	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
OTHER OBJECTS OF EXPENDITURE.			
Stationery and office supplies.....	\$15,050.00	\$12,150.00	\$13,844.78
Traveling expenses.....	65,302.00	58,612.00	67,972.71
Equipment and material.....	20,575.00	15,892.00	19,424.99
Telephone and telegraph service.....	6,060.00	6,660.00	5,502.51
Rent (in field).....	2,000.00	2,000.00	1,938.03
Miscellaneous items.....	15,686.00	10,799.00	26,716.81
Total.....	425,380.00	430,380.00	468,384.84

For collecting and disseminating to American producers, importers, exporters, and other interested persons information relative to the [world supply] world's production of and need for [American] agricultural products, marketing methods, conditions, prices, and other factors, a knowledge of which is necessary to the guidance of American production and the advantageous disposition of [such] farm products in foreign countries, independently and in cooperation with other branches of the Government, State agencies, purchasing and consuming organizations, and persons engaged in the transportation, marketing, and distribution of farm and food products, including the purchase of such books and periodicals as may be necessary in connection with this work (*acts Mar. 4, 1913, vol. 37, p. 854, sec. 1; Mar. 4, 1915, vol. 38, p. 1087, sec. 1; Mar. 3, 1921, vol. 41, pp. 1316, 1341-1343, sec. 1*)..... \$65,000.00

NOTE.—This item is at present carried as a proviso in the appropriation immediately below for crop and live-stock reports, the amount allotted to the work for the current year being \$50,000. It is now recommended as a separate appropriation with an increase of \$15,000 over the present allotment. This increase is to provide for enlarging the organization and personnel in foreign countries for collecting information on production and consumption, exports and imports, supply and demand, surpluses and deficits of agricultural products, and ways and means for expanding the market for American farm products. The language of the paragraph has been amended as indicated.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921. ¹
Salaries:				
Specialist, \$4,500 to \$2,500.....per annum.		Number.	Number.	Number.
Economist.....do.....	\$4,000.00	7	2	4
Agricultural trade commissioners.....do.....	4,000.00	2	2	2
Assistant.....do.....	1,800.00	.....	1	.....
Clerk, \$1,800 to \$1,200.....do.....		5	4	.....
Salaries.....		\$47,960.00	\$37,440.00	.....
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		500.00	500.00	.....
Traveling expenses.....		7,000.00	6,000.00	.....
Equipment and material.....		1,200.00	1,000.00	.....
Telephone and telegraph service.....		3,000.00	1,560.00	.....
Rent (in field).....		2,500.00	2,000.00	.....
Miscellaneous items.....		2,840.00	1,500.00	.....
Total.....		65,000.00	50,000.00	.....

¹ No appropriation.

[For collecting, compiling, abstracting, analyzing, summarizing, interpreting, and publishing data relating to agriculture, including crop and live-stock estimates, acreage, yield, grades, stocks, and value of farm crops, and numbers, grades, and value of live stock and live-stock products on farms, in cooperation with the States Relations Service and other Federal, State, and local agencies, \$300,000: Provided, That not less than \$50,000 shall be used for collecting and disseminating to American producers, importers, exporters, and other interested persons information relative to the world supply of and need for American agricultural products, marketing methods, conditions, prices, and other factors, a knowledge of which is necessary to the advantageous disposition of such products in foreign countries, independently and in cooperation with other branches of the Government, State agencies, purchasing and consuming organizations, and persons engaged in the transportation, marketing, and distribution of farm and food products, including the purchase of such books and periodicals as may be necessary in connection with this work.]

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 269.*General Expenses, Bureau of Agricultural Economics—Continued.*

For collecting, compiling, abstracting, analyzing, summarizing, interpreting, and publishing data relating to agricultural production and distribution, including crop and live-stock estimates, acreage, yield, grades, stocks, prices, and value of farm crops, and numbers, grades, production and value of live stock and live-stock products, in cooperation with the States Relations Service and other Federal, State, and local agencies (*acts Mar. 4, 1913, vol. 37, p. 854, sec. 1; Mar. 4, 1915, vol. 38, p. 1087, sec. 1; Mar. 3, 1921, vol. 41, pp. 1316, 1341-1343, sec. 1*)..... \$340,000.00

NOTE.—There is an apparent increase in this item of \$40,000, but taking into consideration the facts that a separate appropriation is requested in lieu of the \$50,000 proviso and that 32 employees with salaries aggregating \$37,600 are transferred to the statutory roll, but that \$20,000 is now allotted to this project from the appropriation for marketing and distributing farm products, the actual net increase is \$107,600. The paragraph has been amended by slight changes in the wording and the omission of the proviso. The increase is requested in order that the live-stock reporting service may be put on a basis comparable to the service rendered in connection with general crops. At the present time the live-stock reports include only annual estimates of the numbers of cattle, sheep, swine, horses, and mules and a few additional data. The work should be expanded to include periodical estimates of numbers of all classes on farms in sufficient detail to provide a basis for intelligent marketing operations on the part of live-stock growers and feeders.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Assistant chief of bureau.....per annum..	\$4,000.00			1
Chief statistician.....do.....	4,500.00	1		
Chiefs of divisions, \$3,360 to \$2,520.....do.....		2	2	3
Statistical scientists, \$4,000 to \$2,280.....do.....		4	4	2
Agricultural statisticians, \$3,600 to \$2,040.....do.....				
Field agents, \$2,040 to \$1,800.....do.....		28	39	34
Crop specialists, \$3,600 to \$2,040.....do.....		3	3	2
Live-stock specialists, \$4,500 to \$3,000.....do.....		5		
Investigator.....do.....	3,000.00	1	1	1
Assistants, \$2,500 to \$1,400.....do.....		22	8	7
Division supply officer.....do.....	2,040.00		1	1
Junior statistician.....do.....	1,800.00			1
Clerks, \$1,500 to \$1,000.....do.....		20	33	55
Field clerks and collaborators, \$900 to \$1.....do.....		7	7	8
Miscellaneous temporary clerks, \$100 to \$75.....do.....				47
Salaries.....		\$226,673.00	\$139,073.00	\$173,705.74
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		17,000.00	12,000.00	5,206.77
Traveling expenses.....		77,000.00	56,000.00	16,012.82
Equipment and material.....		5,200.00	2,000.00	2,416.00
Telephone and telegraph service.....		4,200.00	3,000.00	1,532.74
Miscellaneous items.....		9,927.00	7,927.00	5,463.16
Total.....		340,000.00	270,000.00	204,337.23

For the study of the geographic basis of agricultural production, the geographic factors determining the various types of farming, and the historical trends of agricultural organization, production and prices (*same acts*)..... 30,280.00

NOTE.—The language of this paragraph is new, but it covers work authorized by law under the appropriation for farm management and farm economics. There is no change in the amount now allotted for this purpose from the lump-sum appropriation, but as two employees have been transferred to the statutory roll, an actual increase of \$2,540 will result.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Economist .....per annum..	\$4,000 to \$3,240	1	1	2
Associate economist.....do.....	4,000 to 3,600	1	1	1
Assistant economist.....do.....	3,000 to 2,520	2	2	2
Junior economist.....do.....	2,400 to 1,980	1	1	2
Agriculturist.....do.....	2,880 to 2,760	2	2	2
Assistant.....do.....	2,400 to 1,560	1	1	4
Clerk.....do.....	1,440 to 1,080	2	2	8
Assistants, clerks, and collaborators.....do.....	900 to 1	4	4	4
Salaries.....		\$23,840.00	\$24,087.00	\$22,482.24
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		900.00	860.00	455.00
Traveling expenses.....		4,295.00	4,088.00	1,331.72
Equipment and material.....		900.00	900.00	342.46
Telephone and telegraph service.....		150.00	150.00	112.00
Miscellaneous items.....		195.00	195.00	184.00
Total.....		30,280.00	30,280.00	24,907.42

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of act, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 270.*General Expenses, Bureau of Agricultural Economics—Continued.*

For the investigation of agricultural credits; the study of fire, crop, and live-stock insurance, and taxation as they affect the business of farming (*acts Mar. 4, 1913, vol. 37, p. 854, sec. 1; Mar. 4, 1915, vol. 38, p. 1087, sec. 1; Mar. 3, 1921, vol. 41, pp. 1316, 1341–1343, sec. 1*).....

\$30,000.00

NOTE.—The language of this paragraph is new, but it covers work now authorized by law under the appropriation for farm management and farm economics. No increase is requested in the amount now allotted for this purpose.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Economist.....per annum.....	\$4,500.00	1	1	1
Associate economist, \$4,000 to \$3,600.....do.....		1	1	1
Junior economist, \$3,000 to \$1,800.....do.....		3	3	2
Draftsman, \$1,800 to \$1,320.....do.....		3	3	3
Clerk, \$2,000 to \$1,080.....do.....		1	10	12
Assistant.....per diem.....	12.50		1	
Salaries		\$21,540.00	\$21,620.00	\$16,980.02
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		900.00	860.00	455.00
Traveling expenses.....		6,315.00	6,275.00	1,915.92
Equipment and material.....		900.00	900.00	344.00
Telephone and telegraph service.....		150.00	150.00	112.92
Miscellaneous items.....		195.00	195.00	183.00
Total		30,000.00	30,000.00	19,990.86

For the study of the causes and significance of tenancy, the ownership of farm land and conditions which favor or retard the acquisition of land ownership by farmers, land utilization, land colonization, and the various aspects of the farm labor problem (*same acts*).....

65,000.00

NOTE.—The language of this item is new, but it covers work now authorized by law under the appropriation for farm management and farm economics. There is no change in the amount now allotted for this purpose from the lump fund appropriation, but as two employees have been transferred to the statutory roll, an actual increase of \$2,160 will result.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:		Number.	Number.	Number.
Economist.....per annum.....	\$4,500.00	1	1	1
Associate economist, \$4,000 to \$3,600.....do.....		2	1	1
Assistant economist, \$3,000 to \$2,040.....do.....		7	6	4
Junior economist, \$2,280 to \$1,800.....do.....		4	4	4
Assistant, \$2,100 to \$1,200.....do.....		5	13	13
Clerk, \$1,800 to \$1,000.....do.....		1	35	30
Agents, collaborators, and clerks, \$900 to \$1.....do.....		1	13	39
Salaries		\$45,420.00	\$46,000.00	\$44,081.94
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		1,680.00	1,600.00	849.00
Traveling expenses.....		15,576.00	15,076.00	12,567.85
Equipment and material.....		1,680.00	1,680.00	640.00
Telephone and telegraph service.....		280.00	280.00	212.00
Miscellaneous items.....		364.00	364.00	342.94
Total		65,000.00	65,000.00	58,693.73

For the investigation of country life and community organizations, including rural population movements, home life, social opportunities, and the social effects of tenancy and landlordism (*same acts*).....

30,000.00

NOTE.—The language of this item is new, but it covers work now authorized by law under the appropriation for farm management and farm economics. There is no change in the amount now allotted for this purpose from the lump fund appropriation, but as two employees have been transferred to the statutory roll, an actual increase of \$2,800 results.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 271.*General Expenses, Bureau of Agricultural Economics—Continued.*

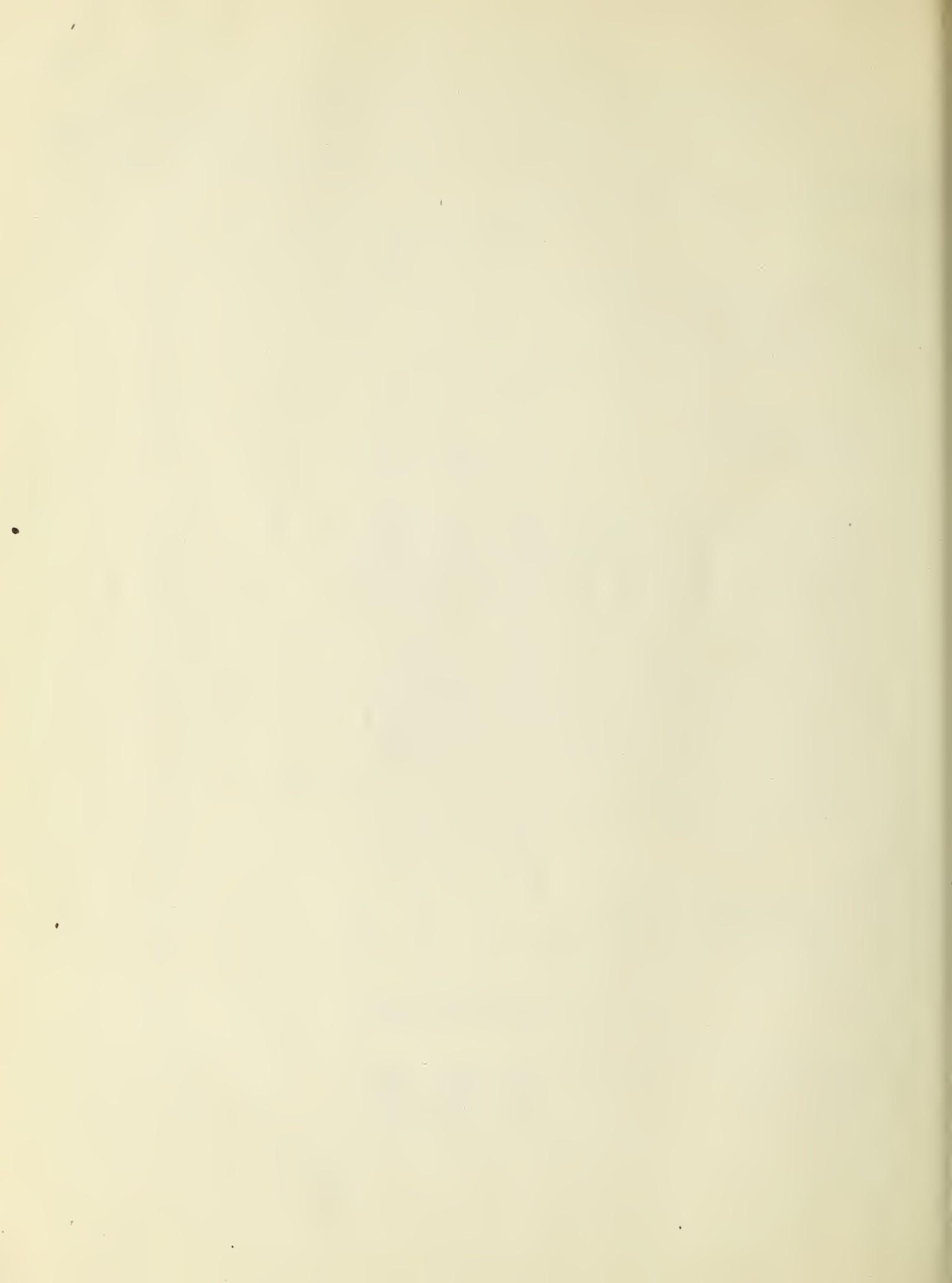
Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Economist, \$4,500 to \$3,000.....per annum.		3	1	1
Associate economist.....do.	\$4,000.00			
Assistant economist, \$2,520 to \$2,000....do.		1	1	2
Junior economist, \$3,000 to \$1,800....do.		3	3	2
Assistant, \$3,996 to \$1,620.....do.				2
Agent, \$1,800 to \$1,200.....do.				3
Clerk, \$2,000 to \$1,100.....do.			3	3
Agents, collaborators, and clerks, \$900 to \$1.....do.			7	22
Salaries		\$20,080.00	\$21,000.00	\$20,181.35
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		840.00	807.00	425.00
Traveling expenses.....		7,918.00	7,031.00	4,255.72
Equipment and material.....		840.00	840.00	320.00
Telephone and telegraph service.....		140.00	140.00	105.00
Miscellaneous items.....		182.00	182.00	171.00
Total.....		30,000.00	30,000.00	25,458.07

For enabling the Secretary of Agriculture to investigate and certify to shippers and other interested parties the quality and condition of fruits, vegetables, poultry, butter, hay, and other perishable farm products, when received in interstate commerce at such important central markets as the Secretary of Agriculture may from time to time designate, under such rules and regulations as he may prescribe, including payment of such fees as will be reasonable and as nearly as may be to cover the cost for the service rendered: *Provided*, That certificates issued by the authorized agents of the department shall be received in all courts of the United States as *prima facie* evidence of the truth of the statements therein contained, \$175,000. **1**

For enabling the Secretary of Agriculture to investigate and certify to shippers and other interested parties the quality and condition of fruits, vegetables, poultry, butter, hay, and other perishable farm products, when received at such important central markets as the Secretary of Agriculture may from time to time designate, *or at points which may be conveniently reached therefrom*, under such rules and regulations as he may prescribe, including payment of such fees as will be reasonable and as nearly as may be to cover the cost for the service rendered: *Provided*, That certificates issued by the authorized agents of the department shall be received in all courts of the United States as *prima facie* evidence of the truth of the statements therein contained (*acts of Mar. 4, 1913, vol. 37, p. 854, sec. 1; Mar. 4, 1915, vol. 38, p. 1087, sec. 1, Mar. 3, 1921, vol. 41, pp. 1316, 1341-1343, sec. 1*). **2** \$175,000.00

NOTE.—The language of the paragraph has been amended by omitting the words "in interstate commerce" and inserting the words "or at points which may be conveniently reached therefrom."

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Specialist, \$4,500 to \$3,240.....per annum.		3	3	4
Pathologist, \$3,000 to \$2,400.....do.		2	2	2
Assistant, \$2,520 to \$1,500.....do.		3	3	6
Inspector, \$3,500 to \$1,620.....do.		57	57	48
Agent.....do.	\$1,755.00	1	1	1
Clerk, \$1,560 to \$1,000.....do.				3
Inspector, clerk, and messenger boy, \$600 to \$24.....do.		1	1	3
Wages:				
Laborers, \$900 to \$48.....do.		1	1	2
Salaries.....		\$132,385.00	\$132,385.00	\$104,739.75
Wages.....		48.00	48.00	195.00
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		1,200.00	1,200.00	2,001.99
Traveling expenses.....		18,167.00	18,167.00	13,403.49
Equipment and material.....		10,400.00	10,400.00	1,438.50
Telephone and telegraph service.....		3,500.00	3,500.00	3,052.76
Rent (in field).....		8,200.00	8,200.00	7,502.78
Miscellaneous items.....		1,100.00	1,100.00	8,336.09
Total.....		175,000.00	175,000.00	141,673.36



Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
Budget, page 272. <i>General Expenses, Bureau of Agricultural Economics—Continued.</i>		
For collecting, publishing, and distributing, by telegraph, mail, or otherwise, timely information on the market supply and demand, commercial movement, location, disposition, quality, condition, and market prices of live stock, meats, fish, and animal products, dairy and poultry products, fruits and vegetables, peanuts and their products, grain, hay, feeds, and seeds, and other agricultural products, independently and in cooperation with other branches of the Government, State agencies, purchasing and consuming organizations, and persons engaged in the production, transportation, marketing, and distribution of farm and food products, \$390,160.]		
For collecting, publishing, and distributing, by telegraph, mail, or otherwise, timely information on the market supply and demand, commercial movement, location, disposition, quality, condition, and market prices of live stock, meats, fish, and animal products, dairy and poultry products, fruits and vegetables, peanuts and their products, grain, hay, feeds, and seeds, and other agricultural products, independently and in cooperation with other branches of the Government, State agencies, purchasing and consuming organizations, and persons engaged in the production, transportation, marketing, and distribution of farm and food products (act Mar. 3, 1913, vol. 37, p. 854, sec. 1; Mar. 4, 1915, vol. 38, p. 1087, sec. 1; Mar. 3, 1921, vol. 41, pp. 1316, 1341–1341, sec. 1).....	\$390,160.00	

NOTE.—There is no change in the language or amount of this item, but as 4 employees have been transferred to the statutory roll, an actual increase of \$4,800 will result.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.	
		Number.	Number.	Number.	
Salaries:					
Director of information.....per annum..	\$4,500.00			2	
Specialist, \$4,500 to \$3,000.....do.....		5	5	5	
Investigators, \$3,500 to \$1,800.....do.....		10	10	12	
Assistants, \$3,000 to \$1,350.....do.....		50	50	77	
Agent.....do.....	1,160.00	1	1	1	
Clerks, \$1,600 to \$1,000.....do.....		1	2	22	
Draftsman.....do.....	1,800.00		1	1	
Machine operators, \$1,400 to \$1,000.....do.....			1	3	
Photographer.....do.....	1,200.00			2	
Agents, machine operators, and messenger boys, \$960 to \$1.....do.....		2	3	14	
Wages:					
Laborers, \$1,200 to \$144.....do.....		1	1	3	
Salaries		\$161,020.00	\$161,020.00	\$182,506.40	
Wages		144.00	144.00	1,141.50	
OTHER OBJECTS OF EXPENDITURE.					
Stationery and office supplies.....		37,900.00	37,900.00	34,014.30	
Traveling expenses.....		31,560.00	31,560.00	35,681.00	
Equipment and material.....		10,650.00	10,650.00	1,279.56	
Telephone and telegraph service.....		111,920.00	111,920.00	106,838.35	
Rent (in field).....		20,000.00	20,000.00	21,130.04	
Miscellaneous items.....		16,966.00	16,966.00	19,969.90	
Total		390,160.00	390,160.00	402,561.05	

In all, for general expenses..... \$1,802,360.00 \$1,714,560.00

That hereafter the powers conferred and the duties imposed by law on the Bureau of Statistics and the Bureau of Crop Estimates of the Department of Agriculture shall be exercised and performed by the Bureau of Markets and Crop Estimates.]
That hereafter the powers conferred and the duties imposed by law on the Bureau of Markets, Bureau of Markets and Crop Estimates, and the Office of Farm Management and Farm Economics of the Department of Agriculture shall be exercised and performed by the Bureau of Agricultural Economics.

NOTE.—This paragraph, which amends existing law, is made necessary by the proposed consolidation of the Office of Farm Management and Farm Economics and the Bureau of Markets and Crop Estimates, and the proposed change of title of the combined bureaus to Bureau of Agricultural Economics.

Enforcement of the United States Cotton-Futures Act—

To enable the Secretary of Agriculture to carry into effect the provisions of the United States cotton-futures Act, as amended March 4, 1919, including all expenses necessary for the purchase of equipment and supplies; for travel; for the employment of persons in the city of Washington and elsewhere; and for all other expenses, including rent outside of the District of Columbia, that may be necessary in executing the provisions of this act, [§133,831] §146,540: Provided, That any moneys received from or in connection with the sale of cotton purchased for the preparation of practical forms of the official cotton standards and condemned as unsuitable for such use may be expended by the Secretary of Agriculture during the fiscal year ending June 30, [1922] 1923, for the purchase of other cotton for such use (acts May 23, 1908, vol. 35, p. 256, sec. 1; June 30, 1914, vol. 38, p. 422, sec. 1; Aug. 18, 1914, vol. 38, pp. 693–698, secs. 1–21; Mar. 4, 1915, vol. 38, p. 1112, sec. 1; Mar. 3, 1921, vol. 41, p. 1343, sec. 1).....

146,540.00 138,831.00

NOTE.—There is an apparent increase in this item of \$7,709, but on account of the transfer to the statutory roll of eight employees with salaries aggregating \$8,460 the actual increase is \$16,169. Part of this increase is necessary in order to continue the work on the present basis during the coming year, and the balance of the increase will be used to cover the work which will be conducted with a view to bringing about the approval and use by cotton exchanges in Europe and elsewhere of uniform standards of classification of American upland cotton, and the contemplated establishment of additional standards for grade and staple of cotton. It will be necessary to purchase a large quantity of cotton for these purposes.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 273.*Enforcement of the United States Cotton-Futures Act—Continued.*

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Assistant chief of bureau.....per annum..	\$4,500.00	1	1	1
Specialists, \$4,500 to \$2,400.....do.....	13	11	14	
Cotton technologist.....do.....	4,500.00	1	1	1
Investigators, \$2,500 to \$2,400.....do.....	1	1	1	
Assistants, \$3,240 to \$1,890.....do.....	11	11	13	
Cotton classer's helpers, \$1,440 to \$1,200.....do.....	6	6	7	
Clerks, \$1,600 to \$1,080.....do.....		5	6	
Photographer.....do.....	1,200.00			1
Wages:				
Laborers, \$1,000 to \$96.....do.....		3	9	15
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		8,055.00	7,885.00	8,365.09
Traveling expenses.....		9,613.00	8,969.00	12,061.84
Equipment and material.....		25,454.00	15,393.00	30,303.02
Telephone and telegraph service.....		3,525.00	3,350.00	3,377.71
Rent (in field).....		2,100.00	2,100.00	2,436.00
Miscellaneous items.....		9,273.00	7,484.00	7,937.27
Total		146,540.00	138,831.00	141,751.58

Enforcement of the United States Grain-Standards Act—

To enable the Secretary of Agriculture to carry into effect the provisions of the United States grain-standards act, including rent outside of the District of Columbia and the employment of such persons and means as the Secretary of Agriculture may deem necessary, in the city of Washington and elsewhere, [§538,623] \$557,600 (acts Aug. 11, 1916, vol. 39, pp. 482-485, secs. 1-12; Mar. 3, 1921, vol. 41, p. 1343, sec. 1).....

\$557,600.00 \$538,623.00

NOTE.—There is an apparent increase in this item of \$18,977, but due to the transfer of an employee at \$2,400 to the statutory roll of the Division of Publications, the actual increase is \$21,377. While this is an actual increase over the amount appropriated for the current fiscal year, it is not an increase over the amount which is available for expenditure during this year. The total amount actually available for expenditure is \$569,503, including the annual appropriation of \$538,623 and the unexpended balance of \$30,880 of the original appropriation. A slight decrease of expenditures is therefore proposed for next year, instead of an increase.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Specialist.....per annum..	\$4,500.00		1	
Assistant.....do.....	3,500.00		1	
Specialist.....do.....	3,240.00	1	1	1
Grain supervisors, \$4,000 to \$1,800.....do.....		67	67	64
Assistant grain supervisors, \$2,460 to \$1,740 ..do.....		25	25	32
Assistants, \$3,500 to \$1,500.....do.....		20	17	24
Grain samplers, \$1,620 to \$1,440.....do.....		85	85	93
Junior chemist.....do.....	1,440.00	1	1	1
Clerks, \$1,500 to \$1,000.....do.....				16
Draftsman.....do.....	1,380.00			1
Clerks, assistants, operators, collaborators, and messenger boys, \$900 to \$1.....do.....		3	3	3
Wages:				
Chauffeurs.....do.....	1,200.00	2	2	3
Laborers.....do.....	180.00	1	1	1
Salaries.		\$418,520.00	\$420,920.00	\$410,904.11
Wages.		2,580.00	2,580.00	1,163.75
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		3,000.00	3,000.00	7,026.04
Traveling expenses.....		39,000.00	32,000.00	34,713.64
Equipment and material.....		15,500.00	8,000.00	4,442.19
Telephone and telegraph service.....		6,000.00	4,453.00	5,703.03
Rent (in field).....		60,000.00	60,000.00	47,127.31
Miscellaneous items.....		13,000.00	7,670.00	27,112.63
Total		557,600.00	538,623.00	538,192.70

Administration of the United States Warehouse Act—

To enable the Secretary of Agriculture to carry into effect the provisions of the United States Warehouse Act, including the payment of such rent outside of the District of Columbia and the employment of such persons and means as the Secretary of Agriculture may deem necessary, in the city of Washington and elsewhere, [§80,000] \$127,220 (acts Aug. 11, 1916, vol. 39, pp. 486-491, secs. 1-33; Mar. 3, 1921, vol. 41, p. 1343, sec. 1).....

127,220.00 80,000.00

NOTE.—There is an actual increase in this item of \$47,220. As practically all plans which have been or are being formulated for financing the marketing of farm products require that the warehouses containing products on which loans are to be made shall be licensed and inspected, the amount of necessary inspection work is constantly increasing. During the months of June and July of this year the capacity of licensed cotton warehouses has practically doubled. There is already serious danger of the department being unable to meet the demands for inspection during the current year.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 274.*Administration of the United States Warehouse Act—Continued.*

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number. 3	Number. 2	Number. 1
Salaries:				
Specialists, \$3,600 to \$1,800.....per annum..				
Supervisors.....do.....	\$3,000	3	2	1
Investigators, \$3,000 to \$2,000.....do.....		6	6	5
Assistants, \$3,000 to \$1,500.....do.....		3	3	5
Inspectors, \$2,100 to \$1,500.....do.....		9	4	3
Agent.....do.....	3,600		1	
Clerks, \$1,600 to \$1,200.....do.....		2	1	2
Salaries		\$57,400.00	\$37,300.00	\$26,476.28
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		2,500.00	2,000.00	996.28
Traveling expenses.....		56,360.00	32,600.00	4,620.57
Equipment and material.....		4,500.00	2,500.00	164.09
Telephone and telegraph service.....		1,500.00	1,500.00	1,116.30
Rent (in field).....		1,500.00	1,500.00	440.00
Miscellaneous items.....		3,460.00	2,600.00	906.09
Total.....		127,220.00	80,000.00	34,719.61

Enforcement of the Standard Container Act—

To enable the Secretary of Agriculture to carry into effect the act entitled "An act to fix standards for Climax baskets for grapes and other fruits and vegetables, and to fix standards for baskets and other containers for small fruits, berries, and vegetables, and for other purposes," approved Aug. 31, 1916, including the employment of such persons and means as the Secretary of Agriculture may deem necessary, in the city of Washington and elsewhere, [§3,800] §4,300 (acts Aug. 31, 1916, vol. 39, p. 673, sec. 1; Mar. 3, 1921, vol. 41, p. 1343, sec. 1).

\$4,300.00 \$3,800.00

NOTE.—There is an actual increase of \$500 in this item. The present appropriation is not sufficient to carry on the work necessary to the proper enforcement of the law. The slight increase requested will furnish funds to cover the traveling and other expenses which are necessary in order that the bureau's representatives may visit the various manufacturing plants engaged in producing the containers covered by this act.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number. 1	Number. 1	Number. 1
Salaries:				
Investigator.....per annum..	\$2,220.00	1	1	1
Assistant.....do.....	1,920.00			
Salaries		\$2,220.00	\$2,220.00	\$1,920.00
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....				18.90
Traveling expenses.....		1,950.00	1,450.00	1,632.63
Equipment and material.....		100.00	100.00	15.50
Telephone and telegraph service.....		30.00	30.00	16.10
Miscellaneous items.....				93.67
Total.....		4,300.00	3,800.00	3,696.80

Completion of Wool Work—

To enable the [Bureau of Markets and Crop Estimates] Bureau of Agricultural Economics to complete the work of the Domestic Wool Section of the War Industries Board and to enforce the Government regulations for handling the wool clip of 1918 as established by the Wool Division of said board, pursuant to the Executive order dated December 31, 1918, transferring such work to the said bureau, \$15,000, and to continue, as far as practicable, the distribution among the growers of the wool clip of 1918 of all sums heretofore or hereafter collected or recovered with or without suit by the Government from all persons, firms, or corporations which handled any part of the wool clip of 1918 (Act Mar. 3, 1921, vol. 41, p. 1343, sec. 1).

15,000.00 15,000.00

NOTE.—The language of this paragraph has been amended to conform with the change in the name of the bureau.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 275.*Completion of Wool Work—Continued.*

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Specialist.....per annum..	\$4,500.00			1
Assistant.....do	3,500.00			1
Investigator.....do	3,000.00			1
Assistants, \$2,280 to \$1,800.....do		3	3	3
Auditors, \$2,280 to \$1,980.....do		1	1	4
Clerks, \$1,400 to \$1,000.....do				11
Machine operators, \$1,100 to \$900.....do		2	2	3
Salaries		\$10,430.00	\$10,430.00	\$15,583.63
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		150.00	150.00	304.15
Traveling expenses.....		3,350.00	3,350.00	5,614.39
Equipment and material.....		550.00	550.00	276.75
Telephone and telegraph service.....		400.00	400.00	774.00
Miscellaneous items.....		120.00	120.00	135.40
Total		15,000.00	15,000.00	22,688.32

*Statement of clerks employed in District of Columbia under lump-sum appropriations for 30 days or more during the fiscal year ended June 30, 1921 (32 Stat., p. 303).***GENERAL EXPENSES, BUREAU OF MARKETS.**

1 clerk, \$2,000 per annum.	1 clerk, \$1,380 per annum.
2 clerks, at \$1,600 each per annum.	5 clerks, at \$1,200 each per annum.
2 clerks, at \$1,560 each per annum.	9 clerks, at \$1,100 each per annum.
1 clerk, \$1,500 per annum.	1 clerk, \$1,000 per annum.
1 clerk, \$1,440 per annum.	1 clerk, \$900 per annum.
6 clerks, at \$1,400 each per annum.	2 clerks, at \$720 each per annum.

ENFORCEMENT OF THE COTTON FUTURES ACT.

1 clerk, \$2,280 per annum	2 clerks, at \$1,400 each per annum.
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ENFORCEMENT OF THE GRAIN STANDARDS ACT.

1 clerk, \$1,560 per annum.	2 clerks, at \$1,100 each per annum.
1 clerk, \$1,400 per annum.	1 clerk, \$840 per annum.
1 clerk, \$1,200 per annum.	

ADMINISTRATION OF THE WAREHOUSE ACT.

1 clerk, \$1,600 per annum.	1 clerk, \$1,200 per annum.
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SALARIES AND EXPENSES, WOOL DIVISION.

1 clerk, \$1,400 per annum.	6 clerks, at \$1,100 each per annum.
1 clerk, \$1,200 per annum.	3 clerks, at \$1,000 each per annum.

CLASSIFICATION OF COTTON, REVOLVING FUND.

1 clerk, \$1,200 per annum.

Total for Bureau of Agricultural Economics..... \$3,620,960.00 **\$3,419,274.00****ENFORCEMENT OF THE INSECTICIDE ACT.***Salaries, Enforcement of the Insecticide Act—*

Executive officer (R. S., p. 87, secs. 520-523; acts Apr. 26, 1910, vol. 36, pp. 331-335, secs. 1-14; Mar. 3, 1921, vol. 41, pp. 1343, 1344, sec. 1)..... \$2,750.00

2,000.00

Executive assistant (same acts).....

Clerks:

One of class 4 (same acts)..... 1,800.00

Two of class 2 (same acts)..... 2,800.00

Three of class 1 (same acts)..... 3,600.00

Two at \$1,140 each (same acts)..... 2,280.00

Five insecticide and fungicide inspectors at \$1,600 each (same acts)..... 8,000.00

Sample and storeroom custodian (same acts)..... 1,200.00

Laboratory helpers:

One (same acts)..... 1,200.00

One (same acts)..... 840.00

One (same acts)..... 720.00

One (same acts)..... 600.00

Two laborers at \$720 each (same acts)..... 1,440.00

Messenger boys:

Two at \$480 each (same acts)..... 960.00

One (same acts)..... 360.00

Two charwomen at \$480 each (same acts)..... 960.00

31,510.00

31,510.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of facts, references to Statutes at Large, or to Revised Statutes and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.																																																																																																																																																																																																																																				
Budget, page 276. <i>General Expenses, Enforcement of the Insecticide Act—</i>																																																																																																																																																																																																																																						
For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and for all necessary expenses, as follows (<i>acts Apr. 26, 1910, vol. 36, pp. 331–335, secs. 1–14; Mar. 3, 1921, vol. 41, p. 1344, sec. 1</i>):																																																																																																																																																																																																																																						
To enable the Secretary of Agriculture to carry into effect the provisions of the act of Apr. 26, 1910, entitled "An act for preventing the manufacture, sale, or transportation of adulterated or misbranded Paris greens, lead arsenates, other insecticides, and also fungicides, and for regulating traffic therein, and for other purposes" (<i>same acts</i>).....	\$125,000.00	\$125,000.00																																																																																																																																																																																																																																				
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Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.	Salaries:		Number.	Number.	Number.	Chairman.....per annum.....	\$4,500.00	1	1	1	Scientific assistants, \$4,000 to \$1,440.....do.....		25	26	26	Assistant.....do.....	3,000.00	1	1	1	Inspectors, \$2,000 to \$1,600.....do.....		2	2	4	Veterinarian.....do.....	1,920.00	1	1	1	Nurserymen, \$1,320 to \$1,200.....do.....		1	1	1	Orchardist.....do.....	840.00	1	1	1	Field and laboratory assistants, \$960 to \$240.....do.....		2	2	4	Clerk.....per hour.....	.50			1	Wages: Miscellaneous temporary labor, \$6 to \$4. per diem.		3	6	2	Salaries.....	\$74,560.00	\$74,560.00	\$64,943.46		Wages.....	540.00	540.00	126.00		OTHER OBJECTS OF EXPENDITURE.					Stationery and office supplies.....	500.00	500.00	398.37		Traveling expenses.....	26,000.00	26,000.00	22,488.00		Equipment and material.....	6,000.00	6,000.00	6,391.24		Telephone and telegraph service.....	500.00	500.00	447.94		Miscellaneous items.....	16,900.00	16,900.00	17,728.03		Total.....	125,000.00	125,000.00	112,523.04		Total for Enforcement of the Insecticide Act.....	156,510.00	156,510.00			FEDERAL HORTICULTURAL BOARD.					<i>Salaries, Federal Horticultural Board—</i>					Secretary of the board (<i>R. 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Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.

Total amount to be appropriated under each head of appropriation.

Amount appropriated for the fiscal year ending June 30, 1922.

Budget, page 277.*General Expenses, Federal Horticultural Board—Continued.*

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Pathological inspectors, \$3,500 to \$1,800.....	per annum.	6	6	6
Entomological inspectors, \$3,000 to \$1,800.....	do.	2	3	4
Plant-quarantine inspectors, \$3,000 to \$1,740.....	do.	29	26	29
Scientific assistant.....	\$1,440.00	1	1	1
Assistant to the chairman.....	3,000.00	1	1	1
Executive assistant.....	1,980.00			
Clerks, \$1,800 to \$840.....	do.	2	11	15
Messenger boys.....	480.00		3	
Collaborators, \$300 to \$1.....	do.	86	81	89
Wages:				
Laborers—				
\$720.....	do.		2	2
\$8 to \$2.....	per diem.	6	6	4
Salaries:		\$81,040.00	\$88,300.00	\$92,529.33
Wages:		2,800.00	3,000.00	1,240.00
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		800.00	1,110.00	1,500.00
Traveling expenses.....		8,000.00	9,000.00	9,038.00
Equipment and material.....		5,000.00	6,000.00	7,267.12
Miscellaneous items.....		8,210.00	6,000.00	9,447.31
Total.		105,850.00	113,410.00	121,021.76

To enable the Secretary of Agriculture to meet the emergency caused by the establishment of the potato wart in eastern Pennsylvania, and to provide means for the extermination of this disease in Pennsylvania or elsewhere in the United States in cooperation with the State or States concerned, including rent outside the District of Columbia, employment of labor in the city of Washington or elsewhere, and all other necessary expenses, [§25,300] §24,100 (acts Mar. 4, 1913, vol. 37, pp. 853, 854, sec. 1; Mar. 3, 1921, vol. 41, p. 1344, sec. 1) \$24,100.00

NOTE.—An apparent decrease of \$1,200 due to the transfer of one clerk to the statutory roll.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Pathologists.....	per annum.	2	2	2
Assistant pathologists, \$2,280 to \$2,160.....	do.		1	2
Scientific assistant.....	1,740.00		1	1
Field laboratory aids, \$1,620 to \$1,200.....	do.		3	3
Plant quarantine inspectors.....	1,860.00	2	2	2
Field assistants, \$2,400 to \$1,500.....	do.	8	7	17
Clerks.....	1,200.00	1	2	2
Wages:				
Miscellaneous temporary labor, \$4 to \$2.....	per diem.	18-	15	20
Salaries:		\$10,800.00	\$12,000.00	\$13,842.64
Wages:		350.00	350.00	1,130.35
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		200.00	200.00	353.23
Traveling expenses.....		6,150.00	5,150.00	8,500.00
Equipment and material.....		200.00	200.00	5,890.00
Miscellaneous items.....		6,400.00	4,900.00	5,523.78
Total.		24,100.00	22,800.00	35,240.00

Statement of clerks employed in the District of Columbia under lump-sum appropriations for 30 days or more, during the fiscal year ended June 30, 1921 (32 Stat., p. 303).

GENERAL EXPENSES, FEDERAL HORTICULTURAL BOARD.

1 clerk, \$2,000 per annum.	2 clerks, at \$1,500 each per annum.
2 clerks, at \$1,800 each per annum.	1 clerk, \$1,400 per annum.
1 clerk, \$1,740 per annum.	10 clerks, at \$1,200 each per annum.
1 clerk, \$1,600 per annum.	

ERADICATION OF PINK BOLLWORM.

2 clerks, at \$1,800 each per annum.	1 clerk, \$1,740 per annum.
7 clerks, at \$1,200 each per annum.	

In all, for general expenses.....

\$129,950.00

\$138,710.00

Total for Federal Horticultural Board.....

184,590.00

185,310.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
Budget, page 278. <i>And not to exceed 10 per centum of the foregoing amounts for the miscellaneous expenses of the work of any bureau, division, or office herein provided for shall be available interchangeably for expenditures on the objects included within the general expenses of such bureau, division, or office, but no more than 10 per centum shall be added to any one item of appropriation except in cases of extraordinary emergency, and then only upon the written order of the Secretary of Agriculture (submitted).</i>		

NOTE.—It is recommended that the paragraph appearing in the agricultural appropriation acts for a number of years, but eliminated on the floor of the House through a point of order during the consideration of the agricultural bill for the fiscal year 1922, be restored.

Experience has shown this to be a wise and salutary provision. When it is considered that the various projects of any one bureau are necessarily closely related, it is surely a matter of efficiency and economy that a degree of latitude be allowed the Secretary in transferring money from one project to another within a bureau. Unforeseen seasonal or other conditions very frequently reduce the contemplated expenditures upon one item. The same conditions often make it necessary to increase by small sums the amounts allotted at the beginning of a year to other projects. For example, an unexpected outbreak or an unusually heavy prevalence of some animal disease would make it highly desirable to shift some portion of a fund to that particular item from some other work where conditions might be unusually favorable. On the ground, then, that a bureau's work is homogeneous and consists of closely interwoven projects, it is recommended that the privilege of shifting funds to the extent of 10 per cent be restored as heretofore.

MISCELLANEOUS.

Demonstrations on Reclamation Projects—

To enable the Secretary of Agriculture to encourage and aid in the agricultural development of the Government reclamation projects; to assist, through demonstrations, advice, and in other ways, settlers on the projects; and for the employment of persons and means necessary in the city of Washington and elsewhere, [[\$30,000]] \$39,000 (acts June 30, 1914, vol. 38, p. 440, sec. 1; Mar. 3, 1921, vol. 41, p. 1344, sec. 1).....

\$39,000.00 \$30,000.00

NOTE.—This appropriation is recommended increased by \$9,000 in order that work thereunder may be restored to its former status. Decreased appropriations have made necessary the temporary discontinuance of important field demonstration work on Government reclamation projects which have proven to be of large value in establishing profitable agricultural industries on the projects. This work should not be curtailed until the industries which are in course of development have become permanently established.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Agriculturist in charge.....per annum.....	\$3,760.00	1	1	1
Agriculturists, \$2,500 to \$2,160.....do.....	150.00	7	7	8
Assistants.....per month.....		2	2	3
Clerks:				
\$1,320.....per annum.....				1
\$25 to \$20.....per month.....		3	3	6
\$0.50 to \$0.30.....per hour.....				3
Salaries.....		\$23,460.00	\$19,860.00	\$20,218.86
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		325.00	250.00	259.46
Traveling expenses.....		10,015.00	6,500.00	4,607.41
Equipment and material.....		2,200.00	1,000.00	1,249.16
Miscellaneous items.....		3,000.00	2,390.00	3,624.09
Total.....		39,000.00	30,000.00	29,958.98

Cooperative Fire Protection of Forested Watersheds and Navigable Streams—

For cooperation with any State or group of States in the protection from fire of the forested watersheds of navigable streams under the provisions of section 2 of the act of March 1, 1911, entitled "An act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers" (acts of Mar. 1, 1911, vol. 36, p. 961, sec. 1; Mar. 3, 1921, vol. 41, p. 1344, sec. 1).....

400,000.00 400,000.00

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Assistant district forester.....per annum.....	\$3,240.00			?
Inspector.....do.....	3,840.00	1	1	1
Examiner, at \$3,360 to \$2,500.....do.....		6	6	3
Collaborator.....do.....	12.00	2	2	21
Wages:				
Miscellaneous temporary labor, at \$150 to \$20 per month.....		350	350	300
Salaries.....		\$10,000.00	\$10,000.00	\$9,074.25
Wages.....		387,850.00	387,850.00	113,790.38
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....		2,000.00	2,000.00	1,988.34
Equipment and material.....		150.00	150.00	147.03
Total.....		400,000.00	400,000.00	125,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.																																																																																																									
Budget, page 279. <i>Acquisition of Additional Forest Lands—</i> There is hereby appropriated, out of any money in the Treasury not otherwise appropriated, to be expended under the provisions of the act of March 1, 1911 (36 Stat. L., p. 961), as amended, for the acquisition of additional lands at headwaters of navigable streams (<i>act Mar. 3, 1921, vol. 41, p. 1345, sec. 1</i>).....	\$50,000.00	\$1,000,000.00																																																																																																									
NOTE.—This amount is necessary to maintain a limited number of well-trained and experienced experts on the examination, appraisal, and survey of forest lands for purchase under the act of March 1, 1911. These men are required to complete the purchases authorized under former appropriations and to conduct examinations and reconnaissances pursuant to the orders of the National Forest Reservation Commission. The amount to be expended for this purpose during the current fiscal year assigned from land purchase is approximately \$100,000.																																																																																																											
<i>Experiments and Demonstrations in Live-Stock Production in the Cane-Sugar and Cotton Districts of the United States—</i> To enable the Secretary of Agriculture, in cooperation with the authorities of the States concerned, or with individuals, to make such investigations and demonstrations as may be necessary in connection with the development of live-stock production in the cane-sugar and cotton districts of the United States (<i>acts June 30, 1914, vol. 38, p. 441, sec. 1; Mar. 3, 1921, vol. 41, p. 1345, sec. 1</i>).....	51,500.00	51,500.00																																																																																																									
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<i>Experiments in Dairying and Live-Stock Production in Semiarid and Irrigated Districts of the Western United States—</i> To enable the Secretary of Agriculture to conduct investigations and experiments in problems connected with the establishment of dairying and meat-production enterprises on the semiarid and irrigated lands of the western United States, including the purchase of live stock, and the employment of necessary persons and means in the city of Washington and elsewhere (<i>acts Aug. 11, 1916, vol. 39, p. 491, sec. 1; Mar. 3, 1921, vol. 41, p. 1345, sec. 1</i>).....	40,000.00	40,000.00																																																																																																									
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<i>Field Station, Woodward, Oklahoma—</i> For the establishment in connection with the Woodward, Okla., field station of a live-stock department, through which experiments and demonstrations in live-stock breeding, growing, and feeding, including both beef and dairy animals, may be made, \$10,000 \$12,500, of which sum the Secretary is hereby authorized to use not exceeding \$3,000 for the purpose of building a cottage for the herdsman, and additional sheds, stalls, and pens for the protection and care of said animals (<i>acts May 31, 1920, vol. 41, p. 731, sec. 1; Mar. 3, 1921, vol. 41, p. 1345, sec. 1</i>).....	12,500.00	10,000.00																																																																																																									
NOTE.—An increase of \$2,000. This amount is needed for the erection of a herdsman's cottage. As living quarters for the herdsman are not provided at the station, he is required to live in town, about 1 mile away. This is unfortunate, as the live stock at the station do not receive the close attention which they require.																																																																																																											

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 280.*Field Station, Woodward, Oklahoma—Continued.*

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number. 2 1	Number. 2 1	Number. 1
Salaries:				
Herdsman, \$2,200 to \$1,680.....	per annum.....	600.00	600.00	173.25
Poultryman.....	do.....	1,500.00	1,500.00	425.40
Salaries.....		\$5,580.00	\$5,580.00	\$101.29
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		600.00	600.00	173.25
Traveling expenses.....		1,500.00	2,320.00	8,450.06
Equipment and material.....		1,570.00	2,320.00	8,450.06
Miscellaneous items.....		250.00	.....	.....
Construction work.....		3,000.00	.....	.....
Total.....		12,500.00	10,000.00	9,150.00

Passenger-Carrying Vehicles

That not to exceed [[\$60,000]] \$95,000 of the lump-sum appropriations herein made for the Department of Agriculture shall be available for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles necessary in the conduct of the field work of the Department of Agriculture outside the District of Columbia: *Provided*, That not to exceed \$20,000 of this amount shall be expended for the purchase of such vehicles, and that such vehicles shall be used only for official service outside the District of Columbia, but this shall not prevent the continued use for official service of motor trucks in the District of Columbia: *Provided further*, That the Secretary of Agriculture shall, on the first day of each regular session of Congress, make a report to Congress showing the amount expended under the provisions of this paragraph during the preceding fiscal year.

NOTE.—The above item carries no appropriation. It merely limits the amount that may be expended for purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles outside the District of Columbia from the various lump-sum appropriations of the department. This limitation has been increased over what it is for 1922 by \$35,000 in order to provide for maintenance of passenger-carrying vehicles now owned by the Government and for the purchase and maintenance of new vehicles. Past experience has demonstrated that the field work of the various activities of the department can be prosecuted efficiently only through the employment of motor-propelled vehicles, and that it is distinctly economical for the department to own its own vehicles. In fact, machines can be purchased outright for the cost of a few months' rental at prevailing rates.

A proviso is inserted authorizing the use of not to exceed \$20,000 of the amount fixed by the paragraph for the purchase of new vehicles. Similar authority had been included in the paragraph since 1915 until stricken out of the present act in 1921. The restoration of this authority is essential in order to provide for the replacement of vehicles that it is no longer economical to repair and for the purchase of additional vehicles to obviate further rentals. The manner in which this fund will be expended is fully set forth in the table accompanying these estimates.

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles in the conduct of the field work of the Department of Agriculture outside of the District of Columbia for the fiscal year ending June 30, 1923, as required by section 5 of the act of July 16, 1914 (38 Stat., 508).

MAINTENANCE, REPAIR, AND OPERATION OF VEHICLES NOW OWNED BY THE DEPARTMENT.

[NOTE.—The amount required for the maintenance, repair, and operation of vehicles to be purchased during the fiscal year ending June 30, 1923, is estimated for below.]

Bureau, division, or office.	Horse-drawn or motor-propelled.	Appropriation.	Number.	Description.	Amount.	Public purpose for which intended.	Officials and employees by whom used.
Weather Bureau..	Motor-propelled.	General expenses, Weather Bureau.	1	Automobile.....	\$400	Travel between volcanoes in the Hawaiian Islands.....	Official in charge and assistants, Kilauea Volcano Observatory, Hawaii.
Do.....	do.....	do.....	1	.....do.....	200	Patrolling and repairing Government telegraph lines.....	Official in charge and assistants at Port Angeles, Wash.
Do.....	do.....	do.....	1	Motorcycle.....	50	River stage observations at Sacramento, Calif.....	Weather Bureau employees at Sacramento, Calif.
Bureau of Animal Industry.	do.....	Inspection and quarantine.	5	Automobile.....	3,500	Travel over ranges to inspect sheep and cattle for scabies and supervising dipping operations.	Inspectors at Bismarck, N. Dak.; Denver, Colo.; Lincoln, Nebr.; and Pierre, S. Dak.
Do.....	do.....	Eradicating cattle ticks.	8	.....do.....	5,600	Travel to farms, ranges, and dipping vats to inspect cattle and supervise dipping operations.	Inspectors at Atlanta, Ga.; Fort Worth, Tex.; Little Rock, Ark.; Oklahoma, Okla.; and Washington, N. C.
Do.....	do.....	Eradicating tuberculosis.	3	.....do.....	2,100	Travel from farm to farm in connection with the tuberculin testing of cattle.	Veterinary inspectors in Connecticut, Missouri, and Wisconsin.
Do.....	do.....	Eradicating dourine.	1	.....do.....	700	Dourine eradication work.....	Inspector at Helena, Mont.
Do.....	do.....	Meat inspection...	2	.....do.....	1,400	Inspection of meats at establishments in Chicago.....	Inspector in charge and assistants

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles in the conduct of the field work of the Department of Agriculture outside of the District of Columbia for the fiscal year ending June 30, 1923, as required by section 5 of the act of July 16, 1914 (38 Stat., 508)—Continued.

MAINTENANCE, REPAIR, AND OPERATION OF VEHICLES NOW OWNED BY THE DEPARTMENT—Continued.
Budget, page 281.

Bureau, division, or office.	Horse-drawn or motor propelled.	Appropriation.	Number.	Description.	Amount.	Public purpose for which intended.	Officials and employees by whom used.
Bureau of Animal Industry—Continued.	Motor-propelled.	Eradicating hog cholera.	9	Automobile.....	\$6,300	Investigating hog cholera outbreaks, and traveling to farms, local stockyards, and other places, to render assistance to hog owners and others in the control of hog cholera.	Inspectors in charge of stations at Ames, Iowa; Augusta, Me.; Columbus, Ohio; Des Moines, Iowa; Lansing, Mich.; Lincoln, Nebr.; Raleigh, N. C.; Salt Lake City, Utah; and Springfield, Ill.
Do.....do.....	Animal husbandry	1	1	do.....	700	Travel between Government poultry farm near Glendale, Ariz., and the town of Glendale to obtain supplies and equipment.	Farm superintendent.
Do.....Horse-drawn.	Dairy industry....	1	1	Buggy.....	45	Travel between Government farm near Beltsville, Md., and the town of Beltsville to meet trains and obtain mail and supplies.	Farm superintendent and farm employees.
Do.....do.....	Animal husbandry	1	1	Omnibus.....	10	.....do.....	Do.
Do.....do.....	.....do.....	1	1	Two-seated brake	10	.....do.....	Do.
Do.....do.....	.....do.....	3	3	Buggy.....	100	Exercising stallions and travel between Government farm near Middlebury, Vt., to meet trains and obtain mail and supplies.	Do.
Do.....do.....	.....do.....	1	1	Surrey.....	30	.....do.....	Do.
Do.....do.....	.....do.....	1	1	Sleigh.....	10	.....do.....	Do.
Do.....do.....	.....do.....	1	1	Cutter.....	10	.....do.....	Do.
Bureau of Plant Industry.	Motor-propelled.	Crop acclimatization.	1	Automobile.....	450	Inspection of experimental plantings being conducted with cotton, corn, and other tropical plants in cooperation with the Indian Office in the vicinity of Sacaton, Ariz.	J. F. Breazeale and assistants.
Do.....do.....	.....do.....	Demonstrations on reclamation projects.	7	do.....	3,100	Conducting demonstration work on Government reclamation projects.	Agriculturists in charge of Newlands, Nev.; Umatilla, Oreg.; North Platte, Nebr.; Belle Fourche, S. Dak.; Shoshone, Wyo.; Uncompahgre, Colo.; and Yuma, Ariz., reclamation projects.
Do.....do.....	.....do.....	Forest pathology..	1	Motorcycle.....	60	Investigations of forest tree diseases in the vicinity of Madison, Wis.	Pathologist in charge.
Do.....do.....	.....do.....	.....do.....	1	do.....	60	Investigations of forest tree diseases in the vicinity of Providence, R. I.	Forest pathologist in charge.
Do.....do.....	.....do.....	Sugar plants....	1	Motor cycle with side car.	200	Travel to sugar beet fields in California to study curly-top diseases of beets.	Eubanks, Carsner, and assistants.
Do.....do.....	.....do.....	Arlington Farm...	1	Motor cycle.....	150	Patrol duty on the Arlington Farm, and transporting supervisors between experimental plots.	Supervisors and watchmen.
Do.....Horse-drawn.	Cereal investigations.	1	1	Buggy.....	75	Transporting employees between the Crowley, La., experiment station and the town of Crowley, and conducting investigational work in the surrounding country.	J. M. Jenkins and assistants.
Do.....do.....	Dry-land agriculture.	5	5	do.....	75	Official travel between the Akron, Colo.; Scottsbluff, Nebr.; Ardmore, S. Dak.; Lawton, Okla.; and Mandan, N. Dak., field stations and near-by towns, and performing inspection work in the vicinity of these stations.	Station superintendents and assistants.
Do.....do.....	Western irrigation agriculture.	7	7	do.....	105	Official travel between the Yuma, Ariz.; Belle Fourche, S. Dak.; Newlands, Nev.; and Huntley, Mont., field stations and near-by towns to purchases supplies and equipment. These stations are located at distances varying from 1 to 7 miles from the nearest towns, and conveyances are absolutely essential to the efficient conduct of the work.	Do.
Do.....do.....	Arlington Farm...	1	1	Top buggy.....	100	Supervising the various field operations being conducted on the Arlington Farm.	Farm superintendents and assistants.
Do.....do.....	Dry-land agriculture.	1	1	Surrey.....	15	Official travel between the Mandan, N. Dak., field station and town of Mandan, and performing inspection work in the vicinity of the station.	Station superintendents and assistants.
Do.....do.....	Arlington Farm...	2	2	Runabout.....	400	Supervising the various field operations being conducted on the Arlington Farm.	Farm superintendent and assistants.
Do.....do.....	Western irrigation agriculture.	1	1	Road cart.....	5	Official travel between the Newlands, Nev., field station and near-by town to purchase supplies, etc.	Station superintendent and assistants.
Forest Service... Motor - pro- pelled.	General expenses, Forest Service.	4	4	Automobile.....	1,900	Fire protection, inspection, land classification, and administrative work on the national forests in California.	Forest officers.
Do.....do.....	.....do.....	8	8	Motor cycles.....	720	Fire protection on the Wasatch, Pend Oreille, Cœur d'Alene, Beaverhead, Datil, Cascade, and Oregon National Forests.	Rangers, guards, and patrolmen.
Do.....do.....	.....do.....	34	34	Railroad speeders	2,255	Fire protection on the Cabinet, Lolo, Kootenai, Jefferson, Sitgreaves, Targhee, Weiser, Tusayan, Superior, Medicine Bow, Missoula, Flathead, Deerlodge, and Pend Oreille National Forests.	Do.
Bureau of Chemistry.	.....do.....	Food and drugs act.	2	Motor wheel.....	29	Fire protection on the Coeur d'Alene National Forest.	Do.
Do.....do.....	.....do.....	.....do.....	2	Automobile.....	900	Travel to various docks in New York City to collect samples of imported foods and drugs, and for delivering collected samples to laboratory for examination; inspecting factories and collecting samples of domestic foods and drugs in and around New York City.	Chief of the eastern district wharf examiners, and food and drug inspectors.
Do.....do.....	Agricultural investigations.	1	1	do.....	350	Transporting chemists, equipment, and samples between the Los Angeles laboratory and citrus groves in the State of California.	Chief of laboratory and chemists.
Bureau of Entomology.	.....do.....	Deciduous fruit insects.	1	do.....	500	Peach insect investigations in the vicinity of Fort Valley, Ga.	O. I. Snapp.
Do.....do.....	Cereal and forage insects.	1	1	do.....	500	Inspection and investigational work near Wichita, Kans.	J. R. Horton.
Do.....do.....	Southern field crop insects.	1	1	do.....	500	Inspecting experimental work being carried on at points in and around Clarksville, Tenn., and conducting investigational work in that vicinity.	A. C. Morgan.
Do.....do.....	.....do.....	1	1	do.....	500	Inspecting experimental operations at various plantations in the vicinity of Tallulah, La.	B. R. Coad.
Do.....do.....	Miscellaneous insects.	1	1	do.....	500	Investigations in the vicinity of Dallas, Tex., of insects affecting the health of man and animals.	F. C. Bishop.
Do.....do.....	Preventing spread of moths.	7	7	Automobile (6 Fords and 1 Chalmers).	4,100	Supervising and directing laboratory scouting, quarantine and silvicultural work, colonizing parasites, and making immediate inspections of perishable nursery stock upon telegraphic and telephone requests at nurseries located in the infested area.	Principal assistants in charge of investigations, and scientific assistants, foremen, and scouts.

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles in the conduct of the field work of the Department of Agriculture outside of the District of Columbia for the fiscal year ending June 30, 1923, as required by section 5 of the act of July 16, 1914 (38 Stat., 508)—Continued.

MAINTENANCE, REPAIR, AND OPERATION OF VEHICLES NOW OWNED BY THE DEPARTMENT—Continued.
Budget, page 282.

Bureau, division, or office.	Horse-drawn or motor-propelled.	Appropriation.	Number.	Description.	Amount.	Public purpose for which intended.	Officials and employees by whom used.
Bureau of Entomology—Contd.	Motor-propelled.	Cereal and forage insects.	1	Automobile.....	\$500	Investigations of cereal and forage insects at West Lafayette, Ind.	W. H. Larimer.
Do.....	do.....	Deciduous fruit insects.	1	....do.....	500	Conducting investigations of the Japanese beetle in the vicinity of Riverton, N. J.	C. H. Hadley.
Do.....	do.....	Tropical and subtropical fruit insects.	1	....do.....	500	Tropical and subtropical fruit-insect investigations at Miami, Fla.	G. F. Mozzette.
Do.....	do.....	Truck crop insects.	1	....do.....	500	Travel in connection with the sweet-potato weevil campaign being conducted in the State of Florida.	B. L. Boyden.
Do.....	do.....	Miscellaneous insects.	1	Motor cycle.....	50	Investigations in the vicinity of Dallas, Tex., of insects affecting the health of man and animals.	Oscar Pool.
Do.....	do.....	Truck crop insects.	1	....do.....	50	Conducting sugar-beet insect investigations in California with special reference to the curly-top leafhopper.	C. F. Stahl.
Do.....	do.....	do.....	1	....do.....	50	Inspection of experimental fields near Alhambra, Calif., undergoing treatment against potato and other truck-crop insects.	R. E. Campbell.
Do.....	do.....	Mediterranean fruit fly.	1	....do.....	50	Conducting investigations of the Mediterranean fruit fly at Honolulu, Hawaii.	H. F. Willard.
Bureau of Biological Survey.	do.....	Maintenance of mammal and bird reservations.	1	....do.....	350	Patrolling Malheur Lake Bird Reservation, Oreg.....	Warden in charge.
Bureau of Public Roads.	do.....	Road building and maintenance.	1	Automobile.....	600	Supervision of maintenance work in progress, demanding the close and more or less continuous presence of a representative of the bureau. The length of the maintenance projects makes it impossible to inspect the work expeditiously by any other means.	Highway engineers.
Do.....	do.....	Farm irrigation...	2	....do.....	1,200	Supervision of irrigation projects, demanding the close and more or less continuous presence of a representative of the bureau. These machines are used only where it is impracticable for engineers to inspect the work expeditiously by any other means.	Irrigation engineers.
Do.....	do.....	Road material....	2	....do.....	1,100	Supervision and inspection of experimental roads in the vicinity of Washington, and field tests in connection with concrete and soil pressure investigations.	Testing engineers.
Do.....	do.....	Rural engineering.	1	....do.....	700	Supervision and inspection of construction work, and transporting employees between the bureau in Washington and the Arlington Experimental Farm, where work is being conducted.	Various employees.
Bureau of Agricultural Economics.	do.....	Market news service.	5	....do.....	3,000	Travel between railroad yards, markets, stockyards, packing houses, and feeding stations in Chicago, Omaha, and Kansas City, which can not conveniently be reached by street cars, to obtain reports of arrivals, price quotations, and similar information regarding fruits, vegetables, live stock, and meats.	Employees in charge and assistants.
Do.....	do.....	Market inspection of perishable foods.	1	....do.....	600	Transporting inspectors, and equipment, supplies, etc., between inspection points in Cleveland, Ohio.	Food products inspectors.
Do.....	do.....	Grain standards act.	3	....do.....	2,250	Transporting grain samplers, supervisors, and others, and grain samples between Federal grain supervision offices and railroad yards, wharves, and grain elevators where samples are obtained in Chicago, Portland, and Atlanta.	Federal grain supervisors and assistants.
Federal Horticultural Board.	do.....	Suppressing spread of pink bollworm of cotton.	5	....do.....	4,700	Transportation of inspectors and others to fields infested with the pink bollworm of cotton, and for conducting survey and research work in connection with the eradication of the pest.	Plant quarantine inspectors and scientific assistants.
Total.....					55,744		

TO BE PURCHASED DURING THE FISCAL YEAR 1923.

Bureau, division, or office.	Horse-drawn or motor-propelled.	Appropriation.	For purchase.						Net. cost.	For maintenance, repair, and operation.	Public purpose for which intended.	Officials and employees by whom used.				
			New vehicles.		Vehicles to be exchanged.											
			Number.	Description.	Gross cost.	Number.	Description.	Allowance (estimated).								
Bureau of Animal Industry.	Motor-propelled.	Inspection and quarantine.	4	Automobile	\$1,420	1	Automobile	\$100	\$1,320	\$1,800	Travel over ranges to inspect sheep and cattle for scabies and supervise dipping operations.	Inspectors at Denver, Colo.; Lincoln, Neb.; Mountain Home, Idaho; and Roswell, N. Mex.				
Do.....	do.....	Eradicating cattle ticks.	8	....do.....	2,840				2,840	3,600	Travel to farms, ranges, and dipping vats to inspect cattle and supervise dipping of cattle to eradicate ticks.	Inspectors at Atlanta, Ga. (2 machines); Birmingham, Ala. (2 machines); Baton Rouge, La. (2 machines); Fort Worth, Tex.; and Little Rock, Ark. Veterinary inspectors.			
Do.....	do.....	Eradicating tuberculosis.	10	....do.....	3,250				3,250	4,500	Travel from farm to farm in connection with the tuberculin testing of cattle.	Inspectors in charge.			
Do.....	do.....	Meat inspection.	5	....do.....	1,625				1,625	2,250	Inspection of meats at establishments in Kansas City, Mo.; Cincinnati, Ohio; Milwaukee, Wis.; Boston, Mass.; and San Diego, Calif.				

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles in the conduct of the field work of the Department of Agriculture outside of the District of Columbia for the fiscal year ending June 30, 1923, as required by section 5 of the act of July 16, 1914 (38 Stat., 508)—Continued.

Budget, page 283.

TO BE PURCHASED DURING THE FISCAL YEAR 1923—Continued.

Bureau, division, or office.	Horse-drawn or motor-propelled.	Appropriation.	For purchase.						Net cost.	For maintenance, repair, and operation.	Public purpose for which intended.	Officials and employees by whom used.				
			New vehicles.		Vehicles to be exchanged.											
			Number.	Description.	Gross cost.	Number.	Description.	Allowance (estimated).								
Bureau of Animal Industry—Con.	Motor-propelled.	Eradicating hog cholera.	3	Automobile	\$975				\$975	\$1,350	Investigating hog cholera outbreaks; travel to farms, local stockyards, and other places to render assistance to hog owners and others in the control of hog cholera.	Inspectors in charge at Topeka Kans.; Atlanta, Ga.; and Raleigh N. C.				
Do.	Horse-drawn.	Dairy industry	1	Buggy.....	100				100		Travel between Government dairy farm at Beltsville, Md., and station to meet trains, obtain mail, and supplies.	Superintendent and farm employees.				
Bureau of Plant Industry.	Motor-propelled.	Cotton and truck diseases.	1	Automobile	450				450	400	Travel between Greeley, Colo., experiment station and the town of Greeley, a distance of about $2\frac{1}{2}$ miles; inspection of potato fields in the vicinity of Greeley, and visiting potato storage houses during the winter months in connection with the storage-rot investigations being conducted.	H. G. MacMillan and assistants.				
Do.....do.....Soil fertility...	.....do.....	Soil fertility...	1	.....do.....	450				450	300	Conducting potato-disease investigations in the vicinity of the Presque Isle, Me., field station, and performing daily travel between the laboratory and experimental farm, a distance of 3 miles.	E. S. Schultz and assistants.		
Do.....do.....Crop physiology	.....do.....	Crop physiology	1	.....do.....	450				450	400	Travel to field experiments being conducted at date gardens at Indio, Mecca, Palm Spring, and El Centro, Calif.	Superintendent of the Indio date garden.		
Do.....do.....Dry-land agriculture.	.....do.....	Dry-land agriculture.	1	.....do.....	450	1	Automobile.	\$100	350	400	Inspection of cooperative shelter-belt work being conducted in the States of Montana, North and South Dakota, and Wyoming.	Employees of the Mandan, N. Dak. field station engaged in shelter-belt work.		
Forest Service.....do.....General expenses, Forest Service.	.....do.....	General expenses, Forest Service.	4	Railroad speeder.	2,000	2	Railroad speeder.	200	1,800	440	Fire patrol and general administration of the Beaverhead, Coeur d'Alene, Deerlodge, and Kaniksu National Forests.	Forest rangers and patrolmen.			
Do.....do.....do.....do.....	.....do.....	.....do.....do.....	2	Motor cycle.	1,000	1	Motor cycle.	75	925	260	Fire patrol of the Missoula and Datil National Forests.	Do.		
Do.....do.....do.....do.....	.....do.....	.....do.....do.....	2	Railroad speeder.	1,200				1,200	400	Fire patrol and general administration of the Cascade and Washington National Forests.	Do		
Bureau of Agricultural Economics.	Motor-propelled.	Market news service.	2	Automobile	840				840	1,200	Travel between numerous and widely scattered railroad yards, markets, stockyards, packing houses, and feeding stations in New York and Chicago to obtain market information.	Representatives of the market reporting service.				
Do.....do.....Grain standards act.	.....do.....	Grain standards act.	3	.....do.....	1,260				1,260	1,800	Transporting grain samplers, supervisors, and others, and grain samples between Federal grain supervision offices and railroad yards, wharves, and grain elevators where samples are obtained in New York, Duluth, and Minneapolis.	Federal grain supervisors and assistants.		
Total.....									17,835	19,100						

SUMMARY.

Bureau, division, or office.	Motor-propelled vehicles.			Horse-drawn vehicles.			Totals.		
	For purchase.	For maintenance, repair, and operation.	Total.	For purchase.	For maintenance, repair, and operation.	Total.	Total for purchase.	Total for maintenance, repair, and operation.	Total for bureau, division, or office.
Weather Bureau.....		\$650	\$650					\$650	\$650
Bureau of Animal Industry.....	\$10,010	33,800	43,810	\$100	\$215	\$315	\$10,110	34,015	44,125
Bureau of Plant Industry.....	1,700	5,520	7,220		775	775	1,700	6,295	7,995
Forest Service.....	3,925	6,004	9,929				3,925	6,004	9,929
Bureau of Chemistry.....		1,250	1,250					1,250	1,250
Bureau of Entomology.....		8,800	8,800					8,800	8,800
Bureau of Biological Survey.....		350	350					350	350
Bureau of Public Roads.....		3,900	3,900					3,900	3,900
Bureau of Agricultural Economics.....	2,100	8,850	10,950				2,100	8,850	10,950
Federal Horticultural Board.....		4,700	4,700					4,700	4,700
Total.....	17,735	73,824	91,559	100	990	1,090	17,835	74,814	92,649

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
Budget, page 284. <i>Eradication of Foot-and-Mouth and Other Contagious Diseases of Animals—</i> In case of an emergency arising out of the existence of foot-and-mouth disease, rinderpest, contagious pleuropneumonia, or other contagious or infectious disease of animals which, in the opinion of the Secretary of Agriculture, threatens the live-stock industry of the country, he may expend in the city of Washington or elsewhere, out of any money in the Treasury not otherwise appropriated, the sum of \$50,000, which sum is hereby appropriated, or so much thereof as he determines to be necessary, in the arrest and eradication of any such disease, including the payment of claims growing out of past and future purchases and destruction, in cooperation with the States, of animals affected by or exposed to, or of materials contaminated by or exposed to, any such disease, wherever found and irrespective of ownership, under like or substantially similar circumstances, when such owner has complied with all lawful quarantine regulations: <i>Provided</i> , That the payment for animals hereafter purchased may be made on appraisement based on the meat, dairy, or breeding value, but in case of appraisement based on breeding value no appraisement of any animal shall exceed three times its meat or dairy value, and except in case of an extraordinary emergency, to be determined by the Secretary of Agriculture, the payment by the United States Government for any animal shall not exceed one-half of any such appraisements: <i>Provided further</i> , That so much of the appropriation of \$2,500,000 made by the agricultural appropriation act of March 4, 1915, for the fiscal year ending June 30, 1916, for the arrest and eradication of foot-and-mouth disease, rinderpest, contagious pleuropneumonia, or other contagious or infectious disease of animals, as remains unexpended at the close of the fiscal year [1921] 1922, is hereby reappropriated and made available for expenditure during the fiscal year ending June 30, [1922] 1923, for the objects mentioned in said appropriation act, including necessary investigations to determine whether said diseases have been completely eradicated in districts where they previously existed (<i>acts Mar. 4, 1915, vol. 38, p. 1115, sec. 1; Mar. 3, 1921, vol. 41, pp. 1345, 1346, sec. 1</i>).....	\$50,000.00	\$50,000.00
NOTE. —The language of this paragraph has been slightly amended so as to make available during the fiscal year 1923 any balance of the \$2,500,000 appropriation provided for this purpose in the agricultural appropriation act for 1916.		
<i>Eradication of Pink Bollworm—</i> To enable the Secretary of Agriculture to meet the emergency caused by the existence of the pink bollworm of cotton in Mexico, and to prevent the establishment of such insect in the United States by the employment of all means necessary, including rent outside of the District of Columbia and the employment of persons and means in the city of Washington and elsewhere, [\$554,840] \$547,840, as follows (<i>act Mar. 3, 1921, vol. 41, p. 1346, sec. 1</i>):		
To prevent the movement of cotton and cotton seed from Mexico into the United States, including the regulation of the entry into the United States of railway cars and other vehicles, and freight, express, baggage, or other materials from Mexico, and the inspection, cleaning, and disinfection thereof, [\$139,840] \$134,840; any moneys received in payment of charges fixed by the Secretary of Agriculture on account of such cleaning and disinfection at plants constructed therefor out of any appropriation made on account of the pink bollworm of cotton to be covered into the Treasury as miscellaneous receipts (<i>same acts</i>).....	\$134,840.00	
To make surveys to determine the actual distribution of the pink bollworm in Mexico and to exterminate local infestations in Mexico near the border of the United States, in cooperation with the Mexican Government or local Mexican authorities, [\$10,000] \$8,000 (<i>same acts</i>).....	8,000.00	
To investigate in Mexico or elsewhere the pink bollworm as a basis for control measures (<i>same acts</i>).....	5,000.00	
To conduct surveys and inspections in Texas or in any other State to detect any infestation and to conduct such control measures, including the establishment of cotton-free areas, in cooperation with the State of Texas or other States concerned, as may be necessary to stamp out such infestation, to establish in cooperation with the States concerned a zone or zones free from cotton culture on or near the border of any State or States adjacent to Mexico, and to cooperate with the Mexican Government or local Mexican authorities, or otherwise, by undertaking in Mexico such measures for the extermination of the pink bollworm of cotton as shall be determined to be practicable from surveys showing its distribution, \$400,000, of which sum not to exceed \$200,000 may be available for reimbursement to cotton-growing States, for expenses incurred by them in connection with losses due to enforced nonproduction of cotton in certain zones in the manner and upon the terms and conditions set forth in Senate joint resolution No. 72, approved August 9, 1921: <i>Provided</i> , That no part of the money herein appropriated shall be used to pay the cost or value of crops or other property injured or destroyed (<i>same acts</i>).....	400,000.00	547,840.00
		554,840.00

NOTE.—It is impossible at this time accurately to estimate the appropriation that will be required for eradicating the pink bollworm of cotton during the ensuing fiscal year. If the present favorable condition of this work continues, it is probable that a substantial decrease in the appropriation will be possible. The estimate submitted under this item in which a decrease of \$7,000 is recommended is therefore only a tentative one, and a revised estimate will be prepared about October 1 next, when it is thought that exact conditions may be determined and the needs of the work for the fiscal year 1923 definitely estimated. In order to extend to the appropriation for the fiscal year 1923 the provisions imposed by Senate joint resolution No. 72 of August 9, 1921, upon the appropriation made for the fiscal year 1922, the language of this paragraph has been amended.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 285.*Eradication of Pink Bollworm—Continued.*

PINK BOLLWORM BORDER INSPECTION.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:				
Entomologist in charge of port inspection.....per annum..	\$3,500.00	Number. 1	Number. 1	Number. 1
Chief inspector.....do.....	2,880.00	1	1	1
Plant quarantine inspectors, \$2,460 to \$1,740.....do.....	34	32	35	
Assistant in plant fumigation.....do.....	2,000.00			1
Executive assistants, \$1,980 to \$1,740.....do.....		1	1	1
Clerks, \$1,800 to \$1,200.....do.....		3	3	3
Charwoman.....do.....	240.00	1	1	1
Wages:				
Mechanical assistant.....do.....	1,600.00			1
Miscellaneous temporary labor, \$4 to \$2.....per diem..		20	20	16
Fumigation mechanic.....per annum..	1,740.00	2	2	2
Salaries.....	\$64,000.00	\$62,000.00	\$51,541.00	
Wages.....	2,000.00	2,000.00	4,620.00	
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....	1,340.00	1,500.00	1,500.00	
Traveling expenses.....	12,000.00	12,000.00	7,600.00	
Equipment and material.....	45,500.00	48,489.00	35,503.00	
Miscellaneous items.....		3,600.00	3,700.00	
Construction work.....	110,000.00	24,000.00	35,000.00	
Total.....	134,840.00	133,589.00	139,464.00	

¹This construction work will consist of the following building: Increasing the capacity of the present fumigation house at Brownsville, Tex., from a 6-car house to a 12-car house, the dimensions to be 90 by 24 by 16 feet, containing approximately 34,560 cubic feet, at an estimated cost of 29 cents per cubic foot, \$10,000.

²This construction work is to consist of the following addition: Increasing the capacity of the present fumigating house at Eagle Pass, Tex., from an 8-car house to a 12-car house, the dimensions to be 180 by 12 by 16 feet, containing approximately 34,560 cubic feet, at an estimated cost of 12 cents per cubic foot, \$4,000.

³This construction work will consist of the following building: One temporary fumigating house, 20-car capacity, at Nogales, Ariz., the dimensions to be 460 by 24 $\frac{1}{2}$ by 16 $\frac{1}{2}$ feet, containing approximately 200,720 cubic feet, at an estimated cost of 17 $\frac{1}{2}$ cents per cubic foot, \$35,000.

PINK BOLLWORM COOPERATION WITH MEXICO.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:				
Plant quarantine inspectors, \$2,520 to \$1,400.....per annum..		Number. 3	Number. 2	Number. 1
Wages:				
Temporary labor, \$4 to \$2.....per diem..		30	30	
Salaries.....	\$4,880.00	\$4,880.00	\$2,081.25	
Wages.....	1,160.00	1,160.00		
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....	1,400.00	1,400.00	410.00	
Equipment and material.....	200.00	200.00	726.70	
Miscellaneous items.....	360.00	360.00	282.05	
Total.....	8,000.00	8,000.00	3,500.00	

PINK BOLLWORM RESEARCH INVESTIGATIONS.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:				
Entomological assistants.....per annum..	\$1,920.00	Number.	Number.	Number. 1
Plant quarantine inspectors, \$2,340 to \$1,720.....do.....		2	2	1
Salaries.....	\$3,500.00	\$3,500.00	\$1,350.70	
Wages.....			15.15	
OTHER OBJECTS OF EXPENDITURE.				
Traveling expenses.....	900.00	900.00	1,662.91	
Equipment and material.....	150.00	150.00	131.77	
Miscellaneous items.....	450.00	450.00	1,422.69	
Total.....	5,000.00	5,000.00	4,583.22	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 286.*Eradication of Pink Bollworm—Continued.*

PINK BOLLWORM ERADICATION.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:				
Plant quarantine inspectors, \$3,250 to \$1,080.....per annum.		Number. 71	Number. 72	Number. 88
Entomological assistants.....do.....	\$2,820.00	1	1	1
Scientific assistants, \$2,040 to \$1,800.....do.....				2
Cotton entomologists.....do.....	2,000.00			1
Assistant.....do.....	2,520.00	1	1	1
Accountant.....do.....	2,000.00	1	1	1
Clerks.....do.....	1,200.00	4	4	5
Messenger boys.....do.....	600.00			1
Wages:				
Miscellaneous temporary labor, \$4 to \$2.....per diem.....		7,000	7,020	4,575
Salaries.....\$100,800.00		\$90,000.00	\$100,819.45	
Wages.....120,000.00		80,200.00	110,000.00	
OTHER OBJECTS OF EXPENDITURE:				
Stationery and office supplies.....		2,200.00	2,000.00	1,980.00
Traveling expenses.....		139,200.00	130,000.00	260,400.00
Equipment and material.....		4,280.00	4,280.00	5,400.00
Miscellaneous items.....		13,520.00	13,520.00	18,200.00
Total.....		400,000.00	320,000.00	496,799.45

*Eradication of the *Parlatoria Date Scale*—*

To enable the Secretary of Agriculture to meet the emergency caused by the existence of the *Parlatoria date scale* in California, Arizona, or any other State, and to provide means for the extermination of this insect in California, Arizona, or elsewhere in the United States, in cooperation with the States concerned, \$15,000 [of which \$5,000 shall be immediately available] (act Mar. 3, 1921, vol. 41, p. 1346, sec. 1).....

\$15,000.00 \$15,000.00

NOTE.—The language of this paragraph has been amended by omitting the clause making immediately available \$5,000 of the amount appropriated.

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
Salaries:				
Assistant in arboriculture.....per annum.....	\$3,240.00	Number. 2	Number. 2	1
Scientific assistants, \$2,100 to \$1,440.....do.....		4	4	2
Field inspectors, \$1,800 to \$1,400.....do.....				1
Wages:				
Temporary laborers.....do.....	1,200.00	4		2
Salaries.....\$9,000.00		\$7,000.00	\$1,732.17	
Wages.....1,800.00		1,600.00	200.00	
OTHER OBJECTS OF EXPENDITURE:				
Stationery and office supplies.....		150.00	100.00	.....
Traveling expenses.....		2,500.00	2,500.00	120.00
Equipment and material.....		600.00	400.00	.....
Miscellaneous items.....		950.00	1,900.00	151.08
Total.....		15,000.00	13,500.00	2,203.25

Control and Prevention of Spread of the Mexican Bean Beetle—

To enable the Secretary of Agriculture to meet the emergency caused by the recent introduction and rapid multiplication of the Mexican bean beetle in the State of Alabama, and other States, and to provide means for the study, experimentation in eradication, and for the control and prevention of the spread of this insect in that State and to other States, in cooperation with the State of Alabama and other States concerned and with individuals affected, including the employment of persons and means in the city of Washington and elsewhere, and all other necessary expenses, [\$100,000] \$25,000 [of which sum \$25,000 shall be immediately available] (act Mar. 3, 1921, vol. 41, p. 1346, sec. 1).....

25,000.00 100,000.00

NOTE.—There is a decrease in this item of \$75,000, and the immediately available clause has been omitted.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 287.*Control and Prevention of Spread of the Mexican Bean Beetle—Continued.*

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.	Expended, 1921.
		Number.	Number.	Number.
Salaries:				
Entomologists, \$3,250 to \$2,250.....	per annum.	4	4	4
Scientific assistants, \$1,680 to \$1,400.....	do.	2	2	2
Field assistants, \$1,980 to \$1,500.....	do.	7	17	17
Agents and collaborator, \$600 to \$300.....	do.	2	2	2
Wages:				
Foremen, scouts, and laborers, \$4.96 to \$2.99.....	per diem.	20	30	30
Salaries.....		\$10,000.00	\$41,460.00	\$8,280.59
Wages.....		8,000.00	8,000.00	2,562.36
OTHER OBJECTS OF EXPENDITURE.				
Stationery and office supplies.....		100.00	200.00	174.10
Traveling expenses.....		4,800.00	12,000.00	4,814.20
Equipment and material.....		1,000.00	8,000.00	7,427.61
Telephone and telegraph service.....		100.00	200.00	102.67
Miscellaneous items.....		1,000.00	5,459.63	1,318.84
Total.....		25,000.00	75,319.63	24,680.37

Mileage Rates for Motor Vehicles—

Whenever, during the fiscal year ending June 30, [1922] 1923, the Secretary of Agriculture shall find that the expenses of travel can be reduced thereby, he may, in lieu of actual traveling expenses, under such regulations as he may prescribe, authorize the payment of not to exceed [3] 4 cents per mile for a motorcycle or [7] 10 cents per mile for an automobile, used for necessary travel on official business.

NOTE.—The present maximum mileage rates allowed by law for the use of personally owned motor cycles and automobiles for travel on official business of the department are 3 cents and 7 cents, respectively. The records of the department indicate that the cost of operating Government-owned automobiles varies from 7 to 10 cents per mile for light cars and from 8 to 14 cents per mile for heavier cars. These variations in the rates are due almost entirely to local factors, such as the difference in the cost of supplies in the various sections of the country and road conditions in the locality where the car is being used. Many of the employees of the department feel unable to pay from their personal funds the difference between the established rates and the actual cost of operation, and, for this reason, a number have disposed of their cars, while others are not inclined to continue to use their vehicles in official work. Unless this condition is remedied, the field work of the department will be greatly impeded.

Purchase of Seed Grain for Drought-Stricken Areas—

[That the Secretary of Agriculture is hereby authorized, for the crop of 1921, to make advances or loans to farmers in the drought-stricken areas of the United States, where he shall find that special need for such assistance exists, for the purchase of wheat, oats, barley, and flax seed for seed purposes and when necessary, to procure such seed and sell same to such farmers. Such advances, loans, or sales shall be made upon such terms and conditions and subject to such regulations as the Secretary of Agriculture shall prescribe, including an agreement by each farmer to use the seed thus obtained by him for the production of grain or flax seed. A first lien on the crop to be produced from seed obtained through a loan, advance, or sale made under this section shall, in the discretion of the Secretary of Agriculture, be deemed sufficient security therefor. The total amount of such advances, loans, or sales to any one farmer shall not exceed the sum of \$200. All such advances or loans shall be made through such agencies as the Secretary of Agriculture shall designate. For carrying out the purposes of this section there is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, the sum of \$2,000,000, to be immediately available.]

[That any person who shall knowingly make any false representation for the purpose of obtaining an advance, loan, or sale under this act shall, upon conviction thereof, be punished by a fine of not exceeding \$1,000, or by imprisonment not exceeding six months, or both.] \$2,000,000.00

NOTE.—This appropriation may be omitted, as the work will be completed during the current fiscal year.

[That the President be, and he is hereby, authorized and requested to extend invitations to foreign governments to be represented by delegates in a world's dairy congress to be held in the United States in 1922: *Provided*, That nothing herein contained shall be construed to create any pecuniary obligation on the part of the Government of the United States.]

NOTE.—This item may be omitted.

[That the Secretary of Agriculture is directed hereafter to submit to Congress at the beginning of each regular session a report showing what investigations devolved upon the Department of Agriculture have been completed during the preceding fiscal year, and also showing what services, if any, devolved upon the department are being performed or duplicated, in whole or in part, by any other department, bureau, or agency of the Government.]

NOTE.—This item may be omitted, as it is permanent legislation.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.								
Budget, page 288. <i>Construction of Vault for Refrigerating Plant—</i> For the construction of a vault for the housing, and the transfer to and the installation therein, of the machinery and apparatus of the refrigerating plant of the Bureau of Animal Industry (submitted).....	\$25,000.00									
NOTE.—This is a new item. At present the refrigerating plant of the Bureau of Animal Industry is located in the subbasement of laboratory A, commonly known as the east wing of the new Agriculture Building. Being below ground, at a point where the drainage collects, the machinery space is at all times damp, resulting in repeated breakdowns in the electrical auxiliaries. About fifteen cold rooms depend upon the plant for maintaining low temperatures, and the perishable material stored therein is large in quantity and very valuable. At times, much of this material, which it has taken weeks to prepare, has been injured or lost through the failure of the electrical equipment. The entire installation is unsatisfactory from the standpoint of good refrigeration service, and the present location is too small properly to accommodate the apparatus.										
<table border="1"> <thead> <tr> <th>OBJECT OF EXPENDITURE.</th><th>Estimated, 1923.</th><th>Estimated, 1922.¹</th><th>Expended, 1921.¹</th></tr> </thead> <tbody> <tr> <td>Construction work.....</td><td>\$25,000.00</td><td></td><td></td></tr> </tbody> </table>	OBJECT OF EXPENDITURE.	Estimated, 1923.	Estimated, 1922. ¹	Expended, 1921. ¹	Construction work.....	\$25,000.00				
OBJECT OF EXPENDITURE.	Estimated, 1923.	Estimated, 1922. ¹	Expended, 1921. ¹							
Construction work.....	\$25,000.00									
¹ No appropriation. ² This construction work consists of the following building: 1 refrigerating vault, concrete construction, 46 by 80 feet, containing approximately 37,000 cubic feet, at 67 cents; estimated cost, \$25,000.										
<i>Olympic National Forest—</i> For emergency expenditures incident to the disposal of wind-thrown and intermingled or adjoining timber on the Olympic National Forest and for emergency measures necessary to protect from fire the timber on the Olympic National Forest, including the repair and construction of roads, fire lanes, trails, telephone lines, or other means of communication, through or along the boundaries of the area or areas of blown-down timber on the north and west sides of said national forest, and for the employment of extra guards and patrolmen as may be found necessary by the Secretary of Agriculture (submitted).....	33,000.00									
NOTE.—This item, while apparently new, was included in the first deficiency act, approved March 1, 1921 (Public No. 338, 66th Cong.). On January 29, 1921, one of the most severe windstorms in the history of the Northwest blew down from 6 to 8 billion feet of timber on the Olympic National Forest. Recognizing the great fire hazard to standing timber by reason of this blow down, Congress provided an appropriation of \$100,000 for emergency expenditures incident to the disposal of wind-thrown timber and for the measures necessary to protect from fire the timber in the devastated region. By act of Congress approved June 16, 1921 (Public No. 18, 67th Cong.), the unexpended balance of this appropriation was made available for expenditure during the fiscal year 1922. While the conditions incident to this blow down will in the course of time become less dangerous, the situation is still acute. The appropriation requested is urgently needed, as considerable work remains to be done in the construction of trails and telephone lines to protect the area, and fire patrols and fire-fighting equipment must be maintained until new vegetation reduces the fire hazard to normal.										
<i>For the Protection of the So-Called Oregon and California Railroad Lands and Coos Bay Wagon Road Lands—</i> To enable the Secretary of Agriculture to establish and maintain a patrol to prevent trespass and to guard against and check fires upon the land vested in the United States by the act approved June 9, 1916, and the lands known as the Coos Bay Wagon Road lands involved in the case of Southern Oregon Co. against United States (No. 2711) in the Circuit Court of Appeals of the Ninth Circuit (submitted).....	35,000.00									
NOTE.—This item, while apparently new, has for a number of years carried an appropriation of \$25,000 provided by Congress in the sundry civil act under the Department of the Interior to enable the Secretary of the Interior, with the cooperation of the Secretary of Agriculture, to establish and maintain a patrol to prevent trespass and to guard against and check fires on lands involved in the case of Southern Oregon Co. against the United States. Each year the Department of the Interior has requested this department to undertake the work authorized by the appropriation, since the national forests surround much of the land and the work can be done more advantageously and economically by Forest Service employees. The full amount of the appropriation is each year warranted to this department for expenditure, and it is therefore felt by both departments concerned that the item of appropriation properly should be carried in the agricultural act. In fact, the change was suggested by the Secretary of the Interior.										
The amount recommended (\$35,000) is an increase over the present appropriation of \$10,000, as the amount heretofore provided has been wholly insufficient. The cost of protecting these lands for the fiscal years 1918, 1919, 1920, and 1921 was, respectively, \$37,637, \$32,510, \$13,186, and \$37,878.56, the difference between actual cost and the appropriation being met in various ways. Deficiency appropriations have as a rule been granted, but in some cases even these have been insufficient. In a number of cases private owners have made up the shortage. For the fiscal year 1921 it is estimated that private landowners will have to contribute \$7,878.56 toward the protection of Government lands, unless Congress makes this amount available by a deficiency appropriation.										
<i>For Operation and Management of the Center Market—</i> To enable the Secretary of Agriculture, in carrying out the provisions of the act of March 4, 1921 (41 Stat., p. 1441), to pay for ice, electricity, gas, water, fuel, travel, stationery, printing, telegrams, telephones, labor, supplies, materials, equipment, miscellaneous expenses, necessary repairs and alterations, to be reimbursed by any person for whose account any such expenditure may be made; to employ necessary persons; to provide a fund for the payment of freight, express, drayage, and other charges and claims against the commodities accepted for storage, and to require reimbursement thereof with interest at the rate of 6 per centum per annum, and to remove, sell, or otherwise dispose of such commodities held as security for such payment when such reimbursement is not made when due, all reimbursement of such payments and all receipts from such disposition of commodities to be credited to such fund and to be reexpended therefrom; and to use such other means as the Secretary of Agriculture may find necessary for the proper occupancy and use by the Government and its tenants of said property (act Mar. 4, 1921, vol. 41, pp. 1441-1444, sec. 1).....	175,683.00									

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required or each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.																																																																																																																					
Budget, page 289. <i>For Operation and Management of the Center Market—Continued.</i>																																																																																																																							
NOTE.—This item, while appearing for the first time in the annual estimates of appropriations for the Department of Agriculture, was authorized in the act of March 4, 1921 (41 Stat., p. 1441), for the operation and management of the Center Market. There is now pending before Congress an estimate for \$141,000 to carry into effect the provisions of the act for the period December 1, 1921, to June 30, 1922, and the above item is for carrying out the provisions of the law during the fiscal year 1923.																																																																																																																							
The amount requested is to cover actual operating expenses incident to the control and operation of the property and does not represent the cost of public supervision of private business, because in this instance the department will actually conduct a complex business and be involved in all of the expenses and problems incident thereto. The property involved is not only the largest retail market in the District of Columbia for meats, fruits, vegetables, and other articles, but includes a cold-storage plant having a capacity of approximately 500,000 cubic feet, a part of which is equipped for freezing temperatures. In addition, there are a heating and power plant, a restaurant, an auditorium, office rooms, and other facilities. There are more than 190 separate and distinct tenants.																																																																																																																							
The estimate submitted is the result of careful inquiry and consideration and is based upon present operating expenses by the Market Co. as nearly as such expenses could be ascertained, and the need for improvements on the property. Not all of the amount estimated will be a direct charge upon the Treasury, for many of the services and supplies furnished to tenants out of this appropriation will be paid for by them and credited to miscellaneous receipts. The revenues derived from the present operation of the property amount to about \$258,000. Therefore, unless rentals and other charges are reduced or revenues reduced for other reasons, the income to the Government will exceed the estimated expenditures by more than \$80,000 during the fiscal year 1923.																																																																																																																							
<table border="1"> <thead> <tr> <th>Employees.</th> <th>Rate.</th> <th>Estimated, 1923.</th> </tr> </thead> <tbody> <tr> <td>Salaries:</td> <td></td> <td>Number.</td> </tr> <tr> <td>Superintendent.....per annum..</td> <td>\$4,500.00</td> <td>1</td> </tr> <tr> <td>Assistant superintendent.....do.....</td> <td>3,000.00</td> <td>1</td> </tr> <tr> <td>Chief engineer.....do.....</td> <td>3,120.00</td> <td>1</td> </tr> <tr> <td>Engineers.....do.....</td> <td>2,160.00</td> <td>3</td> </tr> <tr> <td>Administrative assistants, \$2,740 to \$2,000.....do.....</td> <td>2,400.00</td> <td>2</td> </tr> <tr> <td>Warehouse foreman.....do.....</td> <td>2,200.00</td> <td>1</td> </tr> <tr> <td>Accountant.....do.....</td> <td>2,100.00</td> <td>1</td> </tr> <tr> <td>Head receiving clerk.....do.....</td> <td>1,620.00</td> <td>1</td> </tr> <tr> <td>Assistant receiving clerk.....do.....</td> <td>1,200.00</td> <td>1</td> </tr> <tr> <td>Night receiving clerk.....do.....</td> <td>1,400.00</td> <td>1</td> </tr> <tr> <td>Clerk-stenographer.....do.....</td> <td>1,200.00</td> <td>1</td> </tr> <tr> <td>Clerk.....do.....</td> <td>1,200.00</td> <td>1</td> </tr> <tr> <td>Wages:</td> <td></td> <td></td> </tr> <tr> <td>Pipe fitter machinist.....do.....</td> <td>2,280.00</td> <td>1</td> </tr> <tr> <td>Painter.....do.....</td> <td>1,800.00</td> <td>1</td> </tr> <tr> <td>Carpenter.....do.....</td> <td>1,740.00</td> <td>1</td> </tr> <tr> <td>Tinner.....do.....</td> <td>1,680.00</td> <td>1</td> </tr> <tr> <td>Firemen.....do.....</td> <td>1,620.00</td> <td>3</td> </tr> <tr> <td>Engineer's helper.....do.....</td> <td>1,500.00</td> <td>1</td> </tr> <tr> <td>Machinist's helper.....do.....</td> <td>900.00</td> <td>1</td> </tr> <tr> <td>Foreman of porters.....do.....</td> <td>1,320.00</td> <td>1</td> </tr> <tr> <td>Porters.....do.....</td> <td>1,200.00</td> <td>5</td> </tr> <tr> <td>Skilled laborers, \$1,200 to \$1,000.....do.....</td> <td>.....</td> <td>3</td> </tr> <tr> <td>Laborers, \$1,200 to \$143.....do.....</td> <td>.....</td> <td>10</td> </tr> <tr> <td>Head watchman.....do.....</td> <td>1,000.00</td> <td>1</td> </tr> <tr> <td>Watchmen.....do.....</td> <td>900.00</td> <td>6</td> </tr> <tr> <td>Salaries.....</td> <td>\$33,960.00</td> <td></td> </tr> <tr> <td>Wages.....</td> <td>40,483.00</td> <td></td> </tr> <tr> <td>OTHER OBJECTS OF EXPENDITURE.</td> <td></td> <td></td> </tr> <tr> <td>Stationery.....</td> <td>2,000.00</td> <td></td> </tr> <tr> <td>Traveling expenses.....</td> <td>500.00</td> <td></td> </tr> <tr> <td>Equipment and material.....</td> <td>4,500.00</td> <td></td> </tr> <tr> <td>Telephone and telegraph service.....</td> <td>500.00</td> <td></td> </tr> <tr> <td>Miscellaneous items.....</td> <td>¹ 58,740.00</td> <td></td> </tr> <tr> <td>Advanced charges, claims, etc.....</td> <td>15,000.00</td> <td></td> </tr> <tr> <td>Repairs, maintenance, and improvement of buildings.....</td> <td>20,000.00</td> <td></td> </tr> <tr> <td>Total.....</td> <td>175,683.00</td> <td></td> </tr> </tbody> </table>	Employees.	Rate.	Estimated, 1923.	Salaries:		Number.	Superintendent.....per annum..	\$4,500.00	1	Assistant superintendent.....do.....	3,000.00	1	Chief engineer.....do.....	3,120.00	1	Engineers.....do.....	2,160.00	3	Administrative assistants, \$2,740 to \$2,000.....do.....	2,400.00	2	Warehouse foreman.....do.....	2,200.00	1	Accountant.....do.....	2,100.00	1	Head receiving clerk.....do.....	1,620.00	1	Assistant receiving clerk.....do.....	1,200.00	1	Night receiving clerk.....do.....	1,400.00	1	Clerk-stenographer.....do.....	1,200.00	1	Clerk.....do.....	1,200.00	1	Wages:			Pipe fitter machinist.....do.....	2,280.00	1	Painter.....do.....	1,800.00	1	Carpenter.....do.....	1,740.00	1	Tinner.....do.....	1,680.00	1	Firemen.....do.....	1,620.00	3	Engineer's helper.....do.....	1,500.00	1	Machinist's helper.....do.....	900.00	1	Foreman of porters.....do.....	1,320.00	1	Porters.....do.....	1,200.00	5	Skilled laborers, \$1,200 to \$1,000.....do.....	3	Laborers, \$1,200 to \$143.....do.....	10	Head watchman.....do.....	1,000.00	1	Watchmen.....do.....	900.00	6	Salaries.....	\$33,960.00		Wages.....	40,483.00		OTHER OBJECTS OF EXPENDITURE.			Stationery.....	2,000.00		Traveling expenses.....	500.00		Equipment and material.....	4,500.00		Telephone and telegraph service.....	500.00		Miscellaneous items.....	¹ 58,740.00		Advanced charges, claims, etc.....	15,000.00		Repairs, maintenance, and improvement of buildings.....	20,000.00		Total.....	175,683.00			
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Total.....	175,683.00																																																																																																																						
¹ This item includes \$15,000 for fuel; \$22,000 for electricity, power, and light; \$3,000 for the purchase of ice; \$3,000 for freight, express, and drayage; \$4,000 for repairs to machinery; the balance is for miscellaneous supplies.																																																																																																																							
<i>Enforcement of Packers and Stockyards Act—</i>																																																																																																																							
<i>To enable the Secretary of Agriculture to carry into effect the provisions of the packers and stockyards act, approved August 15, 1921 (act Aug. 15, 1921, Public No. 51, 67th Cong.).....</i>	\$410,500.00	\$200,000.00																																																																																																																					
NOTE.—This item, while appearing for the first time in the annual estimates of appropriations for the Department of Agriculture, was authorized in the act of August 15, 1921 (Public No. 51, 67th Cong.), known as the "enforcement of packers and stockyards act." An initial appropriation of \$200,000 was made by Congress in the urgent deficiency act approved August 24, 1921, to carry into effect the provisions of the act during the remainder of the fiscal year ending June 30, 1922, and the above estimate is for carrying out the provisions of the law during the fiscal year 1923.																																																																																																																							
The administration of this act is now in process of being organized. There will be over 70 stockyards, approximately 3,000 market agencies and commission men, and several hundred packers subject to this law. These different classes of people are located in all parts of the United States, and the supervisory and investigational work necessarily will be very extensive.																																																																																																																							
The apparent increase over the current year occurs because the appropriation for the current fiscal year was based upon the expectation that the work could not be fully organized in this fiscal year, and the amount (\$200,000) would be sufficient.																																																																																																																							

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
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Budget, page 290.*Enforcement of Packers and Stockyards Act—Continued.*

Employees.	Rate.	Estimated, 1923.	Estimated, 1922.
		Number.	Number.
Salaries:			
Administrator in charge.....	per annum..	\$6,500.00	1
Assistant to the Secretary.....	do.	5,000.00	1
Assistants to administrator.....	do.	4,500.00	3
Specialist in marketing live stock and meats.....	do.	4,000.00	1
Investigators.....	do.	3,600.00	3
Division and district supervisors, \$4,000 to \$3,300.....	do.	36	36
Assistant supervisors.....	do.	2,760.00	10
General auditor.....	do.	5,000.00	1
Assistant auditors.....	do.	3,000.00	6
Examiners, \$3,600 to \$3,240.....	do.	3	3
Attorneys, \$4,500 to \$3,600.....	do.	3	3
Stenographic reporters, \$2,400 to \$1,800.....	do.	2	2
Head clerk.....	do.	2,500.00	1
Clerks, \$1,800 to \$1,200.....	do.	14	13
Clerks (field), \$1,400 to \$1,200.....	do.	36	36
Messenger boy.....	do.	480.00	1
Salaries.....		\$311,000.00	\$144,500.00
OTHER OBJECTS OF EXPENDITURE.			
Stationery and printing.....		7,500.00	3,000.00
Traveling expenses.....		25,000.00	12,000.00
Equipment and material.....		12,000.00	7,000.00
Telephone and telegraph service.....		15,000.00	7,500.00
Rent (in field).....		15,000.00	8,000.00
Contingent fund.....		¹ 20,000.00	¹ 10,000.00
Miscellaneous expenses.....		5,000.00	5,000.00
Total.....		410,500.00	² 200,000.00

¹ The item for contingent fund is to cover any expenses which because of the nature of the work can not be definitely estimated in advance, such as the employment of special assistants and stenographic help, as the needs demand and which the regular force may not be able to handle.

² This amount for the fiscal year 1922 was not approved until August 24, 1921, and therefore covers a period of about ten months. On account of the reduction from the estimate of \$240,450 to \$200,000, the division among the several items is somewhat arbitrary and not in accordance with the original estimate.

Enforcement of the Future Trading Act—

To enable the Secretary of Agriculture to carry into effect the provisions of the future trading act, approved Aug. 24, 1921 (act Aug. 24, 1921, Public No. 66, 67th Cong.).....

\$103,600.00

NOTE.—This item, while appearing for the first time in the annual estimates of appropriations for the Department of Agriculture, was authorized in the act of Aug. 24, 1921 (Public No. 66, 67th Cong.), known as "the future trading act." There is now pending before Congress an estimate for an appropriation of \$30,000 to enable the Secretary of Agriculture to carry into effect the provisions of the act during the remainder of the fiscal year ending June 30, 1922, and the above estimate is for carrying out the provisions of the law for the fiscal year 1923.

At the time of making this estimate the future trading act has not yet become operative, but a preliminary survey of the field to be covered and the probable expenses involved has been made. The figures used are based upon the fact that it appears that there are now seven future exchanges where supervision must be exercised in order that the requirements of the law may be complied with. The enforcement of this act involves the stationing of representatives of the Secretary of Agriculture at markets where future exchanges operate and a close continuous examination into and observation of their transactions. Extensive investigations will also be made to ascertain the relation of "future trading" to the handling of cash grain. The amount requested is therefore urgently recommended.

Employees.	Rate.	Estimated, 1923.	
		Number.	
Salaries:			
Administrator in charge.....	per annum..	\$5,000.00	
Assistant.....	do.	4,000.00	
Economist.....	do.	4,000.00	
Market supervisors.....	do.	4,000.00	
Assistant market supervisor, \$3,600 to \$3,000.....	do.	4	
Examiner.....	do.	3,600.00	
Accountants-statisticians, \$3,000 to \$2,400.....	do.	4	
Chief clerk.....	do.	2,500.00	
Clerks, \$1,800 to \$1,200.....	do.	12	
Messengers.....	do.	600.00	
Salaries.....		\$75,000.00	
OTHER OBJECTS OF EXPENDITURE.			
Stationery.....		5,000.00	
Traveling expenses.....		6,000.00	
Equipment and material.....		4,000.00	
Telephone and telegraph service.....		4,000.00	
Rent outside of the District of Columbia.....		4,800.00	
Miscellaneous items.....		4,800.00	
Total.....		103,600.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1923—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1922.
Budget, page 291.. <i>That hereafter the maximum salary of any scientific investigator, or other employee engaged in scientific work and paid from the general appropriations of the Department of Agriculture, shall not exceed at the rate of \$6,500 per annum.</i>		
NOTE.—There has been no change in the maximum amount that may be paid to scientific and technical employees on lump-sum rolls since 1914, notwithstanding the great change in economic conditions that has taken place during the past six years. The present limitation (\$4,500) is entirely too low, and the increase suggested is absolutely essential if the department is to continue to render effective service. Some of the most fundamental and difficult problems in the field of agriculture lie ahead of us. The planning and execution of experiments and investigations for the solution of these problems and the development of the necessary machinery for conducting vigorous campaigns to eliminate the pests and diseases which are handicapping production in every section of the country, depend for their success upon the employment and retention of the highest type of scientific and administrative officers.		
Highly trained and experienced specialists and administrators are leaving the service daily for salaries two, three, four, and even five times as much as the department is able to pay them, although many of them are practically indispensable because they can not be replaced at anything like the compensation that can be offered to them under the existing limitation, which applies only to the Department of Agriculture. See introductory statement of Secretary of Agriculture.		
<i>Officers and employees of the Department of Agriculture traveling on official business, when authorized by the Secretary of Agriculture to receive per diem allowances in lieu of subsistence, in accordance with section 13 of the act of August 1, 1914 (38 Stat., 680), shall receive such allowances from each lump-sum appropriation provided for herein and made available for travel expenses, at rates of \$1.20, \$1.50, \$2.40, \$2.50, \$3, \$3.50, or \$4, varying with the character of work to be performed and the section of the country to be visited.</i>		
NOTE.—This item is annually submitted in accordance with section 13 of the act of August 1, 1914 (38 Stat., 680).		
NOTE.—The estimate of the Secretary of Agriculture for "printing and binding," under section 2, act of May 8, 1872 (Rev. Stat., 720, sec. 3661), will be found on page 31.		
Total salaries, Department of Agriculture.....	\$5,077,300.00	\$6,610,590.00
Appropriation for 1922 not asked for 1923.....		300.00
Total general expenses, Department of Agriculture, including permanent appropriations	41,783,368.00	41,738,669.00
Total, Department of Agriculture.....	46,860,668.00	48,349,559.00

